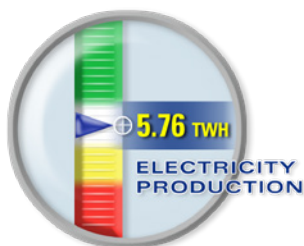


# Performance Report for Pickering Nuclear

Q1 2019  
Results

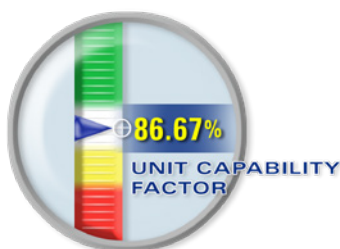
## Performance Update

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 2019.



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

OPG's nuclear electricity generation for Q1 of 2019 totalled 9.8 terawatt hours (TWh) compared to 10.4 TWh in 2018 in the same quarter. In Q1, Pickering Nuclear produced 5.8 TWh of electricity, which was 15 per cent of the electricity produced in Ontario.



### Reliability – Unit Capability Factor:

Compared to Q1 in 2018, Pickering's unit capability factor for Q1 2019 was higher (86.67) 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 2019, there were no spills to the environment at Pickering Nuclear that were reportable to a regulatory authority.

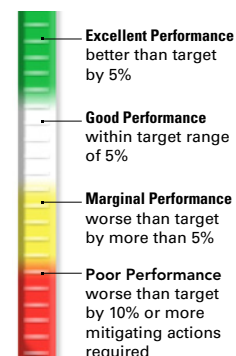
## Safety

### Total Recordable Injury Frequency:

The Total Recordable Injury Frequency (TRIF) measures the number of injuries involving OPG employees that result in a fatality, a lost time, requiring restricted work and requiring medical treatment per 200,000 hours. In Q1 2019, Pickering Nuclear recorded 0 injuries per 200,000 hours worked.



### 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 25 per cent of the electricity produced in Ontario in Q1, OPG's 10 nuclear units generated 9.8 terawatt hours.



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

**March Break Madness – That's A Wrap!:** It was another successful March Break Madness this year with a wide range of activities including discovering the magic of science, visiting the Durham Safety Village, swimming, skating, a visit to WindReach Farm, attending the Maple Syrup Festival, and much more! Despite chilly temperatures, OPG's March Break Madness Program saw over 4,200 participants.

In addition to OPG's commitment to operate in a safe, open, and environmentally-responsible manner, we also take pride in being a good corporate citizen. As a proud community partner and an engaged neighbour, March Break Madness is just one of the ways we give back to our host community families and encourage education for youth in STEM (Science, Technology, Engineering and Mathematics).

**Bowl for Kids Sake:** Once again Darlington and Pickering Nuclear proudly supported the Big Brothers Big Sisters (BBBS) annual 'Bowl for Kids Sake' fundraising initiative. OPG employees participated in various events throughout Durham Region. This is one of the organization's largest fundraising initiatives of the year. Proceeds benefit a wide range of mentorship programs offered within our host communities.

**Bring Back the Salmon:** Students from St. Elizabeth Seton Catholic Elementary school joined OPG at the Pickering Information Centre in early February for annual launch 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 returned in late spring to release salmon fry into Duffins Creek in Greenwood Conservation Area. Throughout the eight years Pickering Nuclear and our partner schools have raised over 800 salmon fry as part of the restoration program.

**OPG News:** On April 1, Ken Hartwick was appointed to the role of OPG President and CEO. Ken has played a strong leadership role as the Chief Financial Officer and Senior Vice President Finance since joining the company in 2016. OPG sincerely thanks outgoing President and CEO Jeff Lyash for his significant contributions to OPG and to the energy industry in Canada.

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