

Performance Report for Pickering Nuclear

Q1 2018
Results

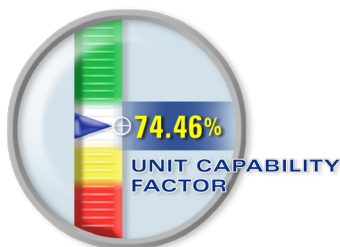
Performance Update

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 2018.



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

OPG's nuclear electricity generation for Q1 of 2018 totalled 10.4 terawatt hours (TWh) compared to 10.0 TWh in 2017 in the same quarter. In Q1, Pickering Nuclear produced 4.9 TWh of electricity, which was 13 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor:

Compared to Q1 in 2017, Pickering's unit capability factor for Q1 2018 was lower (74.46) 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 Q1 2018, Pickering Nuclear recorded one spill to the environment that was reportable to a regulatory authority.

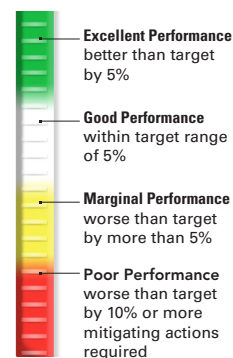
Safety

Total Recordable Injury Frequency:

TRIF (Total Recordable Injury Frequency) is a measure of 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.



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 27 per cent of the electricity produced in Ontario in Q1, OPG's 10 nuclear units generated 10.4 terawatt hours.



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

- Over 4,500 community members from across Durham Region once again enjoyed our combined Darlington and Pickering March Break programs. Families of all ages attended the educational and environmental programs held in conjunction with our community partners including: Claremont Conservation Area, Toronto Wildlife, Scientists in School, The Robert McLaughlin Gallery, Municipality of Clarington, WindReach Farm, City of Pickering and Central Lake Ontario Conservation Authority.
- A team of enthusiastic students from St. Elizabeth Seton Catholic School joined OPG at the Pickering Information Centre in early February for the opening of the educational salmon hatchery. As part of the Bring Back the Salmon program held in partnership with 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 fry into Duffins Creek at Greenwood Conservation Area.
- 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 benefitted a wide arrange of mentorship programs offered within our host communities.



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.