

Performance Report for Pickering Nuclear

Q2 2018
Results

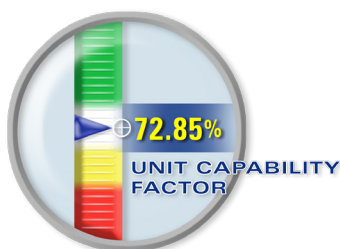
Performance Update

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 second quarter of 2018.



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

OPG's nuclear electricity generation for Q2 of 2018 totalled 8.6 terawatt hours (TWh) compared to 9.3 TWh in 2017 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 2017, Pickering's unit capability factor for Q2 2018 was lower (72.85) 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 Q2 2018, there were no spills to the environment at Pickering Nuclear that were reportable to a regulatory authority. The year-to-date total remains at one spill.

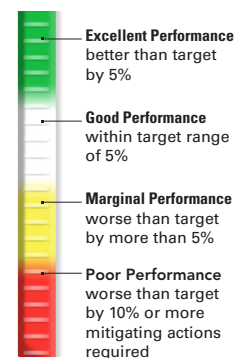
Safety

Total Recordable Injury Frequency:

The Total Recordable Injury Frequency (TRIF) measures the number injuries involving OPG employees that result in a fatality, a lost time, requiring restricted work and requiring medical treatment per 200,000 hours. In Q2 2018, Pickering Nuclear recorded 0.11 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 24 per cent of the electricity produced in Ontario in Q2, OPG's 10 nuclear units generated 8.6 terawatt hours.



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

- On Saturday, May 26, volunteers gave back to their community by participating in the 20th annual Operation Clean Sweep event. This annual event provides volunteer opportunities to assist seniors with yard work who live in the Ajax-Pickering community. During the event, many seniors expressed their heart-felt gratitude, sharing how much these events mean to them. Events like Operation Clean Sweep are one of the many ways OPG employees, their friends and family can make an impact in our community.
- Grade 6 students from St. Elizabeth Seton Catholic School braved the bugs and rain on Thursday morning, May 31 to participate in Bring Back the Salmon, a program designed to restore the Atlantic salmon population in Lake Ontario by 2020. Bring Back the Salmon is a four-tier program that began in February when the eggs were placed in the Pickering Information Centre hatchery. The second step was a clean-up day, which took place in Brock Ridge Park. The salmon release, which was met with great enthusiasm, was Step 3. Finally, the program concluded with the Yellow Fish Road program on June 21. OPG is the lead sponsor in the Bring Back the Salmon program joined 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. Throughout the seven years Pickering Nuclear and our partner schools have raised over 800 salmon fry as part of the restoration program.
- OPG, in partnership with Threads for Life, hosted the annual Durham Steps for Life awareness walk along the Pickering Waterfront Trail on Sunday, May 6. Steps for Life is a flagship fundraiser held each year for Threads of Life, a unique Canadian charity that is dedicated to supporting families who have been affected by workplace tragedies. Their vision is to lead and inspire a culture shift towards zero tolerance of work-related injuries, illnesses and fatalities. The Threads of Life vision directly aligns with OPG's foremost goal of zero injuries. To date, over \$750,000 has been raised for Threads of Life's family support services through the numerous Steps for Life events which took place across the country earlier this spring.
- Over 200 community members attended the annual Take Pride in Pickering to help plant trees and pick up litter on Saturday, June 16. The event also included a visit from Earth Rangers animal ambassadors which proved to be a hit with children and adults alike. This is a joint venture of Ontario Power Generation, the City of Pickering, Toronto and Region Conservation, and other partners in Environmental Stewardship Pickering.

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.