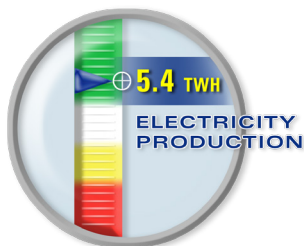


Performance Report for Darlington Nuclear

Q1 2018
Results

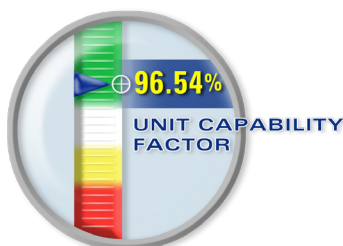
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation's Darlington 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, Darlington Nuclear produced 5.4 TWh of electricity, which was 14 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor:

Compared to Q1 in 2017, Darlington's unit capability factor for Q1 2018 was higher (96.54) 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 2018, there were no spills to the environment at Darlington Nuclear that were reportable to a regulatory authority.

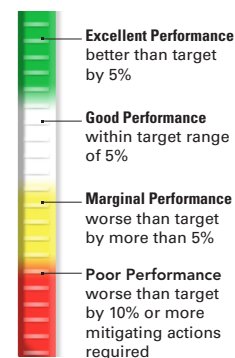
Safety

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 Darlington Nuclear and across OPG:

- In February, OPG recognized reaching the halfway mark on the Unit 2 refurbishment schedule and the green lighting of Unit 3 refurbishment at an event at the Darlington Energy Complex. "The go-ahead to move forward with the next unit is a testament to the hard work and dedication of the Darlington Refurbishment team," said OPG President and CEO Jeff Lyash. "I thank OPG's employees, the community and our many partners across the province for the hard work that's gone into the planning of this project." The Unit 3 Refurbishment team is leveraging the opportunity to incorporate lessons learned from Unit 2. Detailed planning and engineering replications are underway and on track. Planning schedules are under development and will focus on integration and coordination with ongoing work on Unit 2 refurbishment and across the station. Additionally, a thorough assessment of risks and opportunities is being reviewed, including the resource challenges of undertaking two units simultaneously. The refurbishment and continued operation of Darlington up to 2055 will contribute a total of \$90 billion to Ontario's GDP and increase employment across the province by an average of 14,200 jobs annually, including over 2,600 jobs onsite at Darlington. Refurbishment will also secure 3,500 megawatts of affordable, reliable and emissions-free power: the equivalent of taking two million cars off the road. "Darlington is an essential source of electricity in Ontario and plays a key role in our economy," said Lyash. "The station has delivered clean, reliable, low-cost power since 1990, and we are continuing to deliver on our commitment to complete this project on time and on budget."
- 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.
- 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.