

### 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 fourth quarter of 2019.



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

OPG’s nuclear electricity generation for Q4 of 2019 totalled 10.8 terawatt hours (TWh) compared to 11.3 TWh in 2018 in the same quarter. In Q4, Pickering Nuclear produced 5.6 TWh of electricity, which was 15 per cent of the electricity produced in Ontario.



#### Reliability – Unit Capability Factor:

Compared to Q4 in 2018, Pickering’s unit capability factor for Q4 2019 was higher (87.55) primarily as a result of an decrease in the number of days the station was shut down for maintenance outages.



#### Environment – Spills to the Environment:

During Q4 2019, there were no spills to the environment at Pickering Nuclear that were reportable to a regulatory authority. Pickering Nuclear had no reportable spills in 2019.

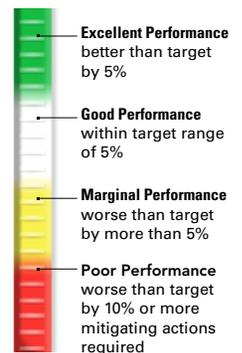
### Safety

#### 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 Q4 2019, 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 28 per cent of the electricity produced in Ontario in Q4, OPG's 10 nuclear units generated 10.8 terawatt hours.



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

**Pickering Nuclear Receives Exemplary WANO Results:**

On Thursday, December 12, Pickering Nuclear received the results of their 2019 World Association of Nuclear Operators (WANO) Peer Review Follow-Up. WANO has given the Pickering Nuclear station an exemplary performance rating, marking the first time the station has received this recognition – placing them amongst the top performing nuclear plants in the world.

**Pickering Nuclear Recognized by the Community:**

In October, Pickering Nuclear received an Ajax Pickering Board of Trade (APBOT) Business Excellence Award in the 40+ employees category. The Business Excellence Awards recognize both large and small businesses for their achievements and contributions to the community. Receiving this award speaks to OPG's strong social licence and this is truly a proud moment as OPG continues to make strides as a business leader in the local community.

**Holiday Giving:** Each December, employees at Pickering and Darlington Nuclear give generously during the holiday season, and this year was no exception. Through donations supporting the Durham Regional Police Services (DRPS) Food and Toy Drive, the Blue Bike Program and Gate Collections a mountain of food and toys were donated from each site to those in need. Now in its 31st year, the DRPS Food and Toy Drive works with numerous community agencies to deliver food and toys to thousands of families across Durham Region.

**Poppy Distribution:**

To commemorate Remembrance Day, veterans from the Royal Canadian Legion, along with volunteers from OPG, distributed poppies at various locations on site at both Darlington and Pickering Nuclear Stations in support of the annual Poppy Campaign. Hundreds of employees picked up a poppy in support of those who have served Canada in war and peacekeeping missions. Poppy proceeds were donated to local Royal Canadian Legion Branches to help support veterans, ex-service members, and their dependents.

**Take Our Kids to Work Day:**

OPG Pickering and Darlington Nuclear's Take Our Kids to Work Day event was held Wednesday, Nov. 6 with 300 grade 9 students in attendance from across Durham Region and Toronto. OPG has been an enthusiastic participant in the TOKTW program since its inception in 1994 and is one of the largest employer hosts in the province. Parents were proud to showcase a sneak peek of their own career and to give students a sense of the diverse careers that employees enjoy within the company.