

# Performance Report for Darlington Nuclear

Q4 2019  
Results

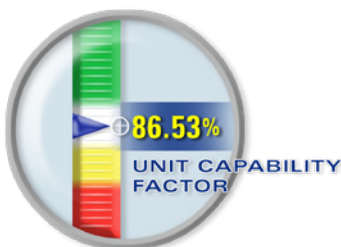
## Performance Update

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 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, Darlington Nuclear produced 5.2 TWh of electricity, which was 13 per cent of the electricity produced in Ontario.



### Reliability – Unit Capability Factor:

Compared to Q4 in 2018, Darlington's unit capability factor for Q4 2019 was lower (87.44) 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 Q4 2019, Darlington Nuclear recorded one spill to the environment that was reportable to a regulatory authority. Darlington Nuclear had a total of one reportable spill in 2019.

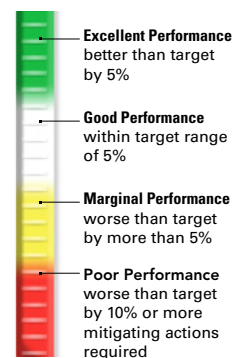
## Safety

### 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, Darlington 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 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 Darlington Nuclear and across OPG:

**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.

**Darlington Receives Sustainability Award:** OPG takes pride in maintaining a strong commitment to environmental stewardship and sustainability. Oshawa Chamber of Commerce recently recognized this effort, awarding Darlington Nuclear the 2019 Sustainability Award during their annual business awards gala with over 490 community members and business owners from across the Durham Region in attendance. The Chamber's checklist for the award considers a wide range of criteria, including sustainability, business uniqueness and environmental efforts.

**Take Our Kids to Work Day:** OPG Pickering and Darlington Nuclear's Take Our Kids to Work Day event was held Wednesday November 6, 2019 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.