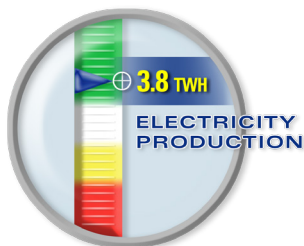


Performance Report for Darlington Nuclear

Q2 2018
Results

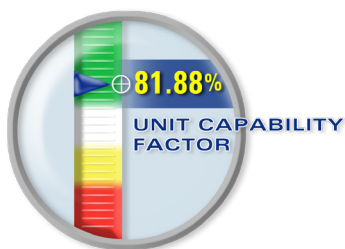
Performance Update

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 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, Darlington Nuclear produced 3.8 TWh of electricity, which was 11 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor:

Compared to Q2 in 2017, Darlington's unit capability factor for Q2 2018 was higher (81.88) 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 Q2 2018, there were no spills to the environment at Darlington Nuclear that were reportable to a regulatory authority. The year-to-date-remains at zero.

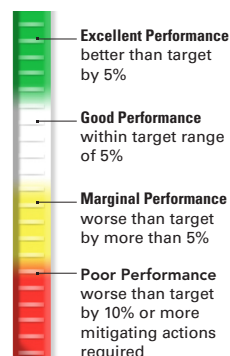
Safety

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, Darlington Nuclear recorded 0.43 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 Darlington Nuclear and across OPG:

- Earlier this spring, Darlington Nuclear introduced a new community/environmental initiative called "Pollinating Partners." The purpose of this new initiative is to increase the number of pollinator-friendly gardens and landscapes on site to help revive the health of bees, butterflies, birds, bats and other pollinators across the municipality. Students from Courtice North Public School and Courtice Secondary School participated in a three-tiered program including; building of bee and butterfly hotels, installation of hotels around the Darlington Energy Complex (DEC), Darlington site, and the Enniskillen Conversation Area and the planting of over 1,100 pollinating plants to support the pollinator species. OPG embraces environmental stewardship and empowers children to take part.
- On Saturday, May 5, Lakeshore Ridge Area Scouts, family members and OPG Darlington planted over 400 native trees at the Darlington site. This annual tree planting partnership between OPG Darlington and the Lakeshore Ridge Area Scouts began in 1995 and since then have planted more than 26,000 trees along the Darlington Waterfront Trail. This year, the group focused on adding biodiversity and creating habitat to the remediated area on the Upper Hydro Fields. This community initiative is just one of many which contribute to OPG's Biodiversity Management Program.
- At Darlington Nuclear Generating Station, a new First Nations display along with three Ojibway totems proudly celebrate local Indigenous culture and the environment. OPG collaborated with members of the four Mississauga communities of the Williams Treaties First Nations – Scugog Island, Alderville, Hiawatha and Curve Lake – to produce the unique display and sculptures. Unveiled in June, the new exhibit at the Darlington Nuclear Information Centre celebrates the history, culture and traditions of the Mississauga people. Several traditional artifacts were donated by members of the First Nations for the display. The sculptures, located along the Darlington Waterfront Trail, feature local animal species with significant cultural importance to the Ojibway - the Beaver and Heron, Osprey and Fish, and Owl and Turtle. The display and sculptures are open to the public, please drop by the Information Centre or take some time to walk the trail to check out the sculptures.

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.