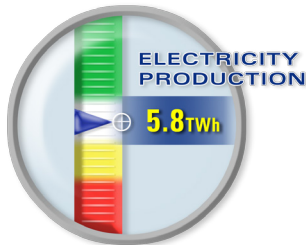


Performance Report for Darlington Nuclear

Q2 2016 Results

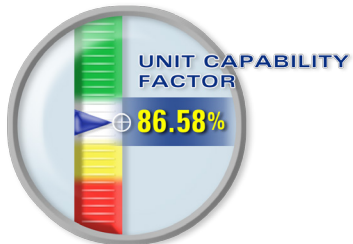
Performance Update

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 2016.



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

OPG's nuclear electricity generation for Q2 of 2016 totalled 10.6 terawatt hours (TWh) compared to 12.3 TWh in 2015 in the same quarter. In Q2, Darlington Nuclear produced 5.8 TWh of electricity, which was 16 per cent of the electricity produced in Ontario.



Reliability – Unit Capability Factor:

Compared to Q2 in 2015, Darlington's unit capability factor for Q2 2016 was lower (86.58) primarily as a result of an increase in the number of days the station was shut down for maintenance outages.



Environment – Performance Index:

During Q2 2016, there were no spills to the environment at Darlington Nuclear that were reportable to a regulatory authority. The year-to-date total remains at zero.

Safety

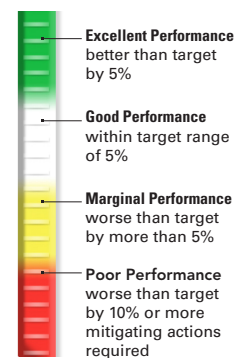
Accident Severity Rate:

The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. At the end of Q2 2016, Darlington Nuclear recorded 2.01 days lost per 200,000 hours worked which is higher than target but remains within the Canadian Electricity Association top quartile.

Employee All Injury Rate:

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. At the end of Q2 2016, Darlington Nuclear recorded 0.13 injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.

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 29 per cent of the electricity produced in Ontario in Q2, OPG's 10 nuclear units generated 10.6 terawatt hours.



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

- On Saturday, May 7, Lakeshore Ridge Area Scouts, family members and OPG Darlington planted over 300 native trees along the Waterfront Trail. This annual tree planting partnership between OPG Darlington and the Lakeshore Ridge Area Scouts began in 1995 and since then, has planted more than 26,000 trees on the Darlington Waterfront Trail. This year, the group focused on adding biodiversity and creating habitat to the remediated area south of Coot's Pond.
- This May, OPG hosted a special event to discuss the Darlington Refurbishment's impact on job creation and the economy, in partnership with the Ontario Chamber of Commerce and the Clarington Board of Trade. OPG's President Jeff Lyash, and Senior Vice President Dietmar Reiner, provided a project update and highlighted the financial impact on the provincial economy. "The key to generating power with purpose is recognizing relationships with communities and industry partners matter".
- Earlier this spring, OPG Darlington & Pickering Nuclear was recognized by Community Care Durham with the Corporate Community Leadership Award. This prominent award recognizes the support OPG provides to Community Care across the region through OPG's Corporate Citizenship Program.
- OPG participated in 'Operation Cleanup' which took place on Saturday, April 23. This community cleanup was part of a Clarington Safe Communities initiative in which OPG actively participates in. Community members pitched in to volunteer their services to clean up identified parks, creeks and side streets located within the Municipality of Clarington.
- OPG is a proud sponsor of the annual Friends of the Feather partnership program. This spring, students from Courtice Secondary School construction class worked with two Grade 5 classes from Courtice North Public School to build bird nest boxes. The classes visited Enniskillen Conservation Area to install the nest boxes and to learn about local biodiversity and the importance of natural habitat. OPG is a proud sponsor of the annual Friends of the Feather partnership program.

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.