

Performance Report for Darlington Nuclear

Q3 2014 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 third quarter of 2014.



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

OPG's nuclear electricity generation for Q3 of 2014 totalled 12.8 terawatt hours (TWh) compared to 11.6 TWh in 2013 in the same quarter. In Q3, Darlington Nuclear produced 7.45 TWh of electricity, meeting 22 per cent of Ontario's electricity needs.



Reliability - Unit Capability Factor

Compared to Q3 in 2013, Darlington's unit capability factor for Q3 2014 was higher (90.67) 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 Q3 2014, Darlington Nuclear recorded one Category C spill to the environment that was reportable to a government agency, bringing the year-to-date total to two spills.

Safety

Accident Severity Rate

The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. Darlington Nuclear recorded zero days lost per 200,000 hours worked which is excellent performance and better than the Canadian Electricity Association top quartile industry performance.



Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. In Q3 2014, Darlington Nuclear recorded zero injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.

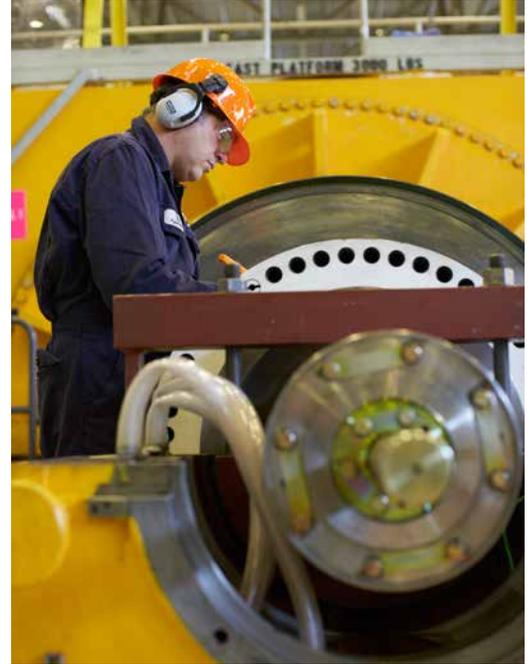


Legend



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 almost 31 per cent of the electricity generated in Ontario in Q3, OPG's 10 nuclear units generated 35.41 terawatt hours.



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

- Darlington and Pickering are proud to support the Durham Children's Groundwater Festival once again. During the last week of September, more than 4,000 Durham Region Grade four students learned the importance of water and how to become water stewards in their homes, schools and communities.
- At Clarington Family Safety Day, which took place on Saturday, Sept. 27, OPG Emergency Response staff were among other Emergency Responders from Clarington hosting fire safety activities.
- Darlington's Tuesday's on the Trail program made a positive impact on almost 800 community residents who came out to this year's activities. With the support of many of OPG's valuable community partners and the help of local student volunteers, the Tuesdays on the Trail program provided educational, fun and free activities on the Darlington Waterfront Trail.
- On July 25, the CNSC accepted OPG's request to extend Darlington's Power Reactor Operating Licence (PROL). This extension allows additional time for OPG to provide more comprehensive documentation in support of a longer licence term to cover the period required for completing the refurbishment of all four Darlington units, and the major activities outlined in the Integrated Implementation Plan. In its decision the CNSC noted that Darlington is operated safely; that OPG is meeting and will continue to meet the regulatory requirements outlined in the PROL.

For more information go to: www.opg.com/generating-power/nuclear