

Performance Report for Darlington Nuclear

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 2013.



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

OPG's nuclear electricity generation for the year to date totalled 34.0 terawatt hours (TWh) compared to 37.02 TWh in 2012 in the same period. Year to date, Darlington Nuclear has produced 19.4 TWh of electricity, meeting 18 per cent of Ontario's electricity needs.



Reliability – Unit Capability Factor:

Compared to Q3 in 2012, Darlington's unit capability factor for Q3 2013 was lower (85.7) primarily as a result of an increase in outage days.



Environment – Performance Index:

During Q3 2013, Darlington Nuclear did not record any major or moderate spills to the environment.

Safety

Accident Severity Rate:

The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. In Q3 2013, 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.

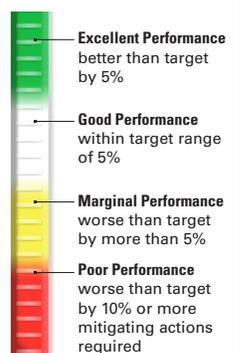


Employee All Injury Rate:

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. For the year to date, Darlington Nuclear recorded 0.19 injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.



Legend



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About OPG's Nuclear Generating 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 34 per cent of the electricity generated in Ontario; for the year to date, OPG's 10 nuclear units generated 33.9 terawatt hours.



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

- The safety of our employees, like the safe operation of our nuclear reactors, is a top priority in our operation. During the third quarter of 2013, Darlington employees surpassed two million hours worked without a lost-time injury.
- 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.
- The Canadian Nuclear Safety Commission's (CNSC) annual safety assessment shows OPG's nuclear facilities continue to operate safely. OPG's Darlington station received a rating of "fully satisfactory" - the highest category, for the fourth year in a row. The overall ratings for both Pickering and Darlington remain unchanged from last year. Both stations were evaluated in 14 individual safety and control areas.

- Darlington and Pickering proudly supported the Durham Children's Groundwater Festival once again. This annual event helps more than 4,000 Durham Region Grade four students to understand the importance of water and learn how to become water stewards in their homes, schools and communities.
- At Clarington Family Safety Day, held each fall, OPG Emergency Response staff joined other Emergency Responders from Clarington in hosting fire safety activities. This free, fun and educational event once again attracted more than 4,000 people.

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