

# Performance Report for Darlington Nuclear

2013 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 2013.



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

OPG's nuclear electricity generation for 2013 totalled 44.7 terawatt hours (TWh) compared to 49.04 TWh in 2012. In 2013, Darlington Nuclear produced 25.1 TWh of electricity, meeting 18 per cent of Ontario's electricity needs.



### Reliability - Unit Capability Factor

Compared to Q4 in 2012, Darlington's unit capability factor for Q4 2013 was lower (82.9) primarily as a result of an increase in outage days.



### Environment - Performance Index

During Q4 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 Q4 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 0.21 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 34 per cent of the electricity generated in Ontario; for the year end, OPG's 10 nuclear units generated 44.7 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 fourth quarter of 2013, Darlington employees surpassed 4.4 million hours worked without a lost-time injury.
- OPG employees and pensioners wrapped up another successful Charity Campaign this year. In 2013, our 18th year of giving, more than \$1.6 million was pledged to deserving organizations. Employees at Darlington Nuclear ran a variety of special events raising an additional \$12,204.81 through Darlington special events for local charities.
- Darlington staff enthusiastically participated in the Operation Christmas Child shoebox drive, which is an annual initiative of Samaritan's Purse, an international, relief organization. Through the drive, Darlington staff were able to pack over 100 shoe boxes with small gifts including school supplies, toys, toiletries, and candy.
- Thanks to the generosity of Darlington Nuclear Employees more than \$14,000 worth of food and toys were donated to the 2013 Durham Regional Police Service (DRPS) Food and Toy Drive.

For more information go to: [www.opg.com/power/nuclear](http://www.opg.com/power/nuclear)