

Performance Report for Darlington Nuclear

Q1 2012

January 1 - March 31, 2012

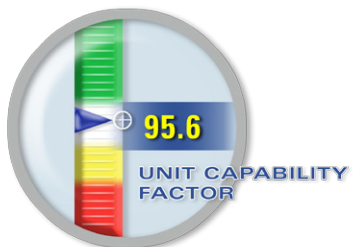
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation's Pickering Nuclear in the areas of safety performance, reliability, environmental performance and significant accomplishments achieved during the first quarter of 2012.



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

OPG's nuclear electricity generation was 12.5 TWh for the first quarter of 2012, compared to 12.1 TWh during the same period in 2011. During the first quarter of 2012 Darlington Nuclear generated 7.3 TWh recording a minor variance compared to the same period in 2011.



Reliability - Unit Capability Factor

Unit Capability Factor is a percentage of perfect generation a unit is capable of producing during a specified period. During the first quarter of 2012, Darlington's unit capability factor of 95.6 reflected a minor variance compared to the same period in 2011.



Environment - Performance Index

During the first quarter of 2012, Darlington Nuclear did not record any major or moderate spills to the environment.

Safety

Accident Severity Rate

The Industrial Safety Accident Rate (ASR) measures the number of lost due to employee injuries per 200,000 hours worked. During Q1, Darlington Nuclear recorded 2.89 days lost per 200,000 hours worked.

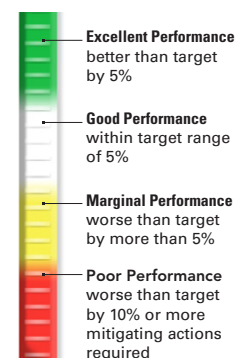


Employee All Injury Rate

The All Injury rate (AIR) measures the number of workplace injuries per 200,000 hours worked. During Q1, Darlington Nuclear recorded 0.48 injuries per 200,000 hours worked which is in the top quartile industry performance target set by the Canadian Electrical Association.



Legend



About OPG's Nuclear Power Stations

Ontario Power Generation owns and operates the Pickering and Darlington Nuclear Power Stations. The two stations have a combined generating capacity of about 6,600 megawatts. Accounting for almost 30 per cent of the electricity generated in Ontario in 2011, OPG's 10 nuclear units generated 48.6 terrawatt 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. During the first quarter of 2012, Pickering Nuclear employees achieved 4 million hours without a lost-time injury.
- Pickering Nuclear and Darlington Nuclear hosted more than 3,000 local residents during our March Break activities with a focus on environmental, science and recreational activities.
- Ontario Power Generation's Deep Geologic Repository (DGR) Project for low and intermediate level waste (L&ILW). The Joint Review Panel (JRP) has announced the beginning of a six-month public review period beginning Feb. 3 for the project's Environmental Impact Statement (EIS) and Preliminary Safety Report (PSR). The public review period provides an opportunity for the JRP, public, interested stakeholders and Aboriginal communities to comment on whether the EIS and PSR documents adequately address the requirements of the guidelines issued for the DGR Project in January 2009. For more information go to: www.opg.com/power/nuclear/waste/facilities.asp