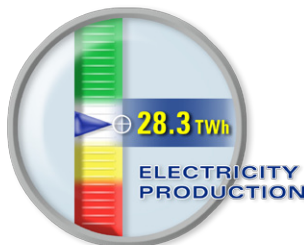


Performance Report for Darlington Nuclear

2012

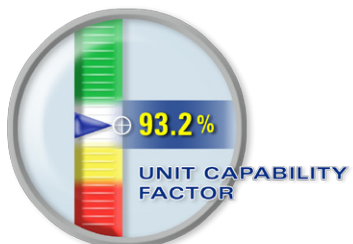
Performance Update

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 achieved during 2012.



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

OPG's nuclear electricity generation for the year totalled 49 terawatt hours (TWh) compared to 59 TWh in 2011. In 2012, Darlington Nuclear produced 28.3 TWh of electricity, meeting 20 per cent of Ontario's electricity needs.



Reliability - Unit Capability Factor

Compared to 2011, Darlington's unit capability factor for 2012 was lower (93.2) as a result of an increase in unplanned outage days.



Environment - Performance Index

During 2012, 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 2012, Darlington Nuclear recorded 6.85 days lost per 200,000 hours worked. This rate is higher than the top quartile industry performance set by the Canadian Electricity Association due to an employee who tripped and sustained a fractured arm.

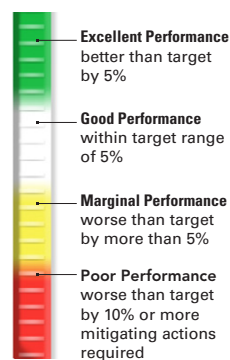


Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. In 2012, Darlington Nuclear recorded 0.34 injuries per 200,000 hours worked which is in the top quartile industry performance target set by the Canadian Electricity Association.



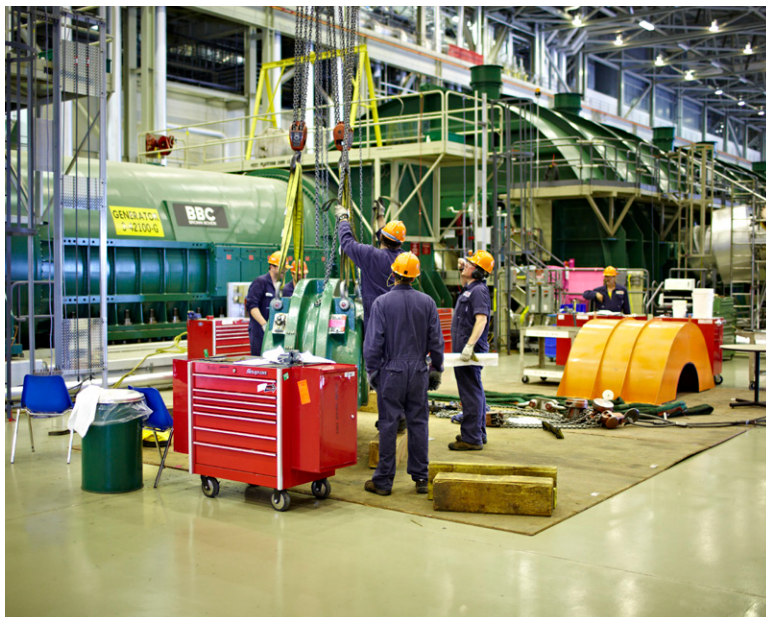
Legend



Performance Report for Darlington Nuclear

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:

- In November during a CEO Conference of the Institute of Nuclear Power Operations (INPO), Darlington Nuclear was honoured with a prestigious INPO Award of Excellence. The award is positive recognition by industry peers of Darlington's continuous improvement in operational excellence and safety.
- The safety of our employees, like the safe operation of our nuclear reactors, is a top priority in our operation. During 2012, Darlington employees achieved 2 million hours without a lost-time injury.
- In December, OPG participated at the CNSC public hearings in Clarington for Darlington's Nuclear Refurbishment and Continued Operations Environmental Assessment; the renewal of the Darlington Power Reactor

Operating licence to the end of 2014; and the renewal of the Darlington Waste Management Facility (DWMF) Operating Licence for used fuel. The DWMF provides interim storage for used nuclear fuel generated at Darlington. OPG is seeking a 10-year operating licence renewal for the facility and approval to construct and operate two additional storage buildings.

- Public and Employee Safety is a priority at OPG – The Canadian Electricity Association recognized OPG's outstanding 2011 employee safety performance by awarding the company the President's Award of Excellence. OPG has consistently improved its safety performance and in 2011 performed better as a company in the prevention of injuries than any other time in its history.

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