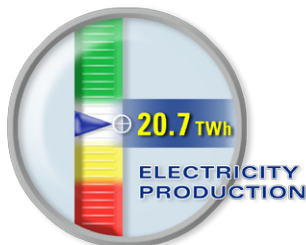


Performance Report for Pickering Nuclear

2012

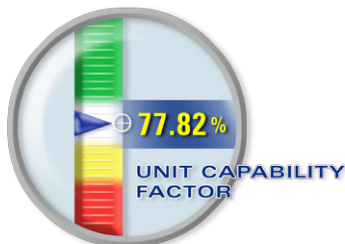
Performance Update

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, 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, Pickering Nuclear produced 20.7 TWh of electricity, meeting 15 per cent of Ontario's electricity needs.



Reliability - Unit Capability Factor

In 2012, Pickering recorded an improved unit capability factor (77.82) due to a decrease in unplanned outage days.



Environment - Performance Index

During 2012, Pickering 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, Pickering Nuclear recorded zero days lost per 200,000 hours worked which is excellent performance and better than the top quartile industry performance set by the Canadian Electricity Association.

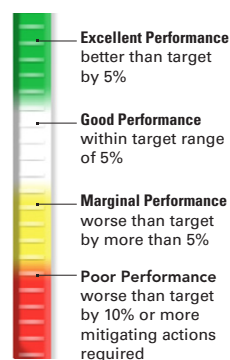


Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. In 2012, Pickering Nuclear recorded 0.35 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 Pickering 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 Pickering Nuclear and across OPG:

- The CNSC accepted Pickering's fuel-channel strategy for Units 5-8 – a key element in OPG's plan to operate the station through to 2020.
- The safety of our employees, like the safe operation of our nuclear reactors, is a top priority in our operation. During 2012, Pickering employees achieved more than 7 million hours without a lost-time injury.
- 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.
- 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.
- 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.

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