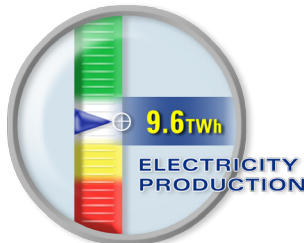


Performance Report for Pickering Nuclear

Q2 2013

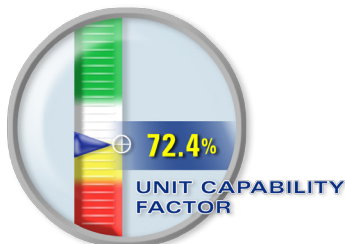
Performance Update

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 the second quarter of 2013.



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

OPG's nuclear electricity generation for the year to date totalled 22.5 terawatt hours (TWh) compared to 24.2 TWh in 2012 in the same period. Year to date, Pickering Nuclear has produced 9.6 TWh of electricity, meeting 14 per cent of Ontario's electricity needs.



Reliability – Unit Capability Factor:

Compared to Q2 in 2012, Pickering's unit capability factor for Q2 2013 was lower (72.4) primarily as a result of an increase in outage days and an extension to an outage in the first quarter.



Environment – Performance Index:

During Q2 2013, 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 Q2 2013, Pickering 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.

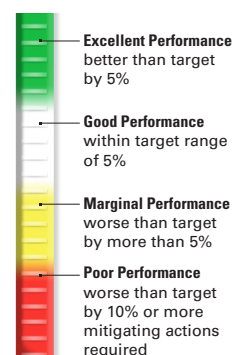


Employee All Injury Rate:

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. For the year to date, Pickering Nuclear has recorded 0.20 injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.



Legend



Performance Report for Pickering Nuclear

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 29 per cent of the electricity generated in Ontario; for the year to date, OPG's 10 nuclear units generated 22.5 terawatt hours.



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

- In June of this year, OPG was named to Corporate Knights' Top 50 Corporate Citizens List for 2013. The list is based on environmental, social and governance indicators, as well as on the management of carbon, energy, water usage and waste production. The Corporate Knights Best 50 methodology for grading corporate citizenship has helped raise the rigor and professionalism of what it means to be a good corporate citizen. The methodology has been recognized by Rate the Raters as "a leading global practice."
- Annually, the CNSC evaluates OPG in nine safety-related areas. In all of these important areas, OPG continues to meet or better performance expectations. In their latest annual report, Safety Performance of the Canadian Nuclear Power Industry, the CNSC confirmed Pickering Nuclear had operated safely with no harm to the environment or the health and safety of workers or the public.
- In June the CNSC granted Pickering a temporary two-month extension to our operating licence. The CNSC is currently reviewing Pickering's five-year licence application submission. The process requires commission members to independently review and consider the material provided by the CNSC staff, OPG and many members of the public who participated in the hearing process in May of this year.
- The safety of our employees, like the safe operation of our nuclear reactors, is a top priority in our operation. During the second quarter of 2013, Pickering employees surpassed 10 million hours worked without a lost-time injury.
- OPG was recognized for our environmental leadership and presented an award from the Town of Ajax at their 2013 Civic Awards celebration.

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