

Performance Report for Pickering Nuclear

Q3 2013

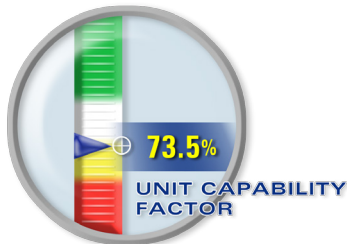
Performance Update

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 during the third quarter of 2013.



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

OPG's nuclear electricity generation for the year to date totalled 34.0 terawatt hours (TWh) compared to 37.02 TWh in 2012 in the same period. Year to date, Pickering Nuclear has produced 14.6 TWh of electricity, meeting 14 per cent of Ontario's electricity needs.



Reliability – Unit Capability Factor:

Compared to Q3 in 2012, Pickering's unit capability factor for Q3 2013 was lower (73.5) primarily as a result of an increase in outage days.



Environment – Performance Index:

During Q3 2013, Pickering Nuclear did not record any major or moderate spills to the environment.

Safety

Accident Severity Rate:

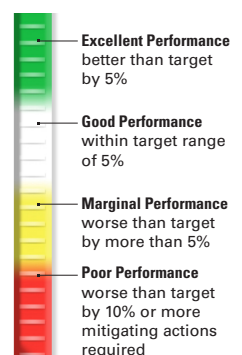
The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. In Q3 2013, Pickering Nuclear recorded zero days lost per 200,000 hours worked which is excellent performance and better than the Canadian Electricity Association top quartile industry 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 recorded 0.43 injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.



Legend



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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 34 per cent of the electricity generated in Ontario; for the year to date, OPG's 10 nuclear units generated 33.9 terawatt hours.



Keeping you informed about milestones and items of interest achieved by Pickering 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 third quarter of 2013, Pickering employees surpassed 13 million hours without a lost-time injury.
- In July, Pickering Nuclear welcomed a team of industry peers to conduct a "peer review" of the Pickering station, through our membership with the World Association of Nuclear Operators. The peer team spent two weeks performing intrusive reviews of our procedures and work practices. The results were positive – our best review ever – and the peer team noted improved performance since the last assessment. The team provided valuable feedback on areas where we can continue to improve, but also recognized areas that are considered "strengths" worthy of sharing with other industry operators. OPG relies on both internal and external audits and assessments to help us see ourselves objectively, provide insight into best practices, and help us maximize our safety and reliability.
- Pickering's Tuesday's on the Trail program made a positive impact on over 1,700 community residents who came out to this year's activities. With the help of local student volunteers and the support of many of OPG's valuable community partners, the Tuesdays on the Trail line up provides educational, fun and free activities for families in the beautiful setting of Alex Robertson Park, Hydro Marsh and Liverpool Beach each Tuesday throughout July and August.

- In August, the Canadian Nuclear Safety Commission (CNSC) announced its decision to grant a five-year, single-site operating licence for the Pickering Nuclear Generating Station. The licence will be valid from Sept. 1, 2013 until Aug. 31, 2018.
- The CNSC's annual safety assessment shows OPG's nuclear facilities continue to operate safely. The Pickering station was rated as "satisfactory," along with all other Canadian nuclear operators. The overall ratings for both Pickering and Darlington remain unchanged from last year. Both stations were evaluated in 14 individual safety and control areas.
- OPG is proud to support the Durham Children's Groundwater Festival each year. During the last week of September, more than 4,000 Durham Region Grade four students will learn the importance of water and will learn how to become water stewards in their homes, schools and communities.
- On Saturday, Oct. 19, more than 100 community members and employees helped to plant more than 400 trees and shrubs in Alex Robertson Park adjacent to Pickering Nuclear as part of "Take Pride in Pickering" day. Since the year 2000, volunteers have planted more than 11,000 native trees and shrubs, 500 native wildflowers, a snake hibernaculum, 35 songbird boxes and two bat boxes.

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

Do you want to discuss any of our performance results with us? If so, please call us at 905 837-7272.