

Performance Report for Pickering Nuclear

2013
Results

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 fourth quarter of 2013.



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

OPG's nuclear electricity generation for 2013 totalled 44.7 terawatt hours (TWh) compared to 49.04 TWh in 2012. In 2013, Pickering Nuclear produced 19.6 TWh of electricity, meeting 14 per cent of Ontario's electricity needs.



Reliability - Unit Capability Factor

Compared to Q4 in 2012, Pickering's unit capability factor for Q4 2013 was lower (73.70) primarily as a result of an increase in the number of maintenance outage days.



Environment - Performance Index

During Q4 2013, Pickering Nuclear did not record any major or moderate spills to the environment.

Safety

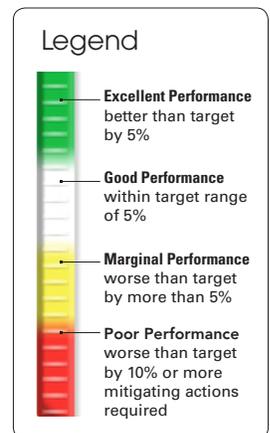
Accident Severity Rate

The Accident Severity Rate (ASR) measures the number of lost days due to employee injuries per 200,000 hours worked. In Q4 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 0.37 injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.



About OPG's Nuclear Power 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 end, OPG's 10 nuclear units generated 44.7 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 fourth quarter of 2013, Pickering employees surpassed 14.2 million hours without a lost-time injury.
- OPG employees and pensioners wrapped up another successful Charity Campaign this year. In 2013, our 18th year of giving, more than \$1.6 million was pledged to deserving organizations. Employees at Pickering Nuclear ran a variety of special events raising an additional \$10,000 for local organizations like Big Brothers Big Sisters Ajax Pickering, Herizon House and Dreams and Wishes.
- Saturday, Oct. 5 marked the second Pickering Doors Open event in partnership with Heritage Ontario. Pickering Nuclear was one of the 16 heritage sites in the City of Pickering that opened their doors to welcome visitors. More than 150 visitors made their way down to the Pickering Learning Centre to venture on a site bus tour, visit to the Pickering simulator and to get up close and personal with some of OPG's Emergency Response vehicles.
- On Saturday, Oct. 26 the 10th semi-annual Operation Clean Sweep (OCS) got underway. Volunteers helped local seniors with yard work. Raking leaves, trimming bushes and various other tasks were completed throughout our community for those who are unable to complete the work on their own.
- Pickering Nuclear partnered with Environmental Stewardship Pickering, City of Pickering, Toronto and Region Conservation Authority, scout groups, Durham Medvents, along with other community organizations and high school volunteers to help plant 405 trees and shrubs in Alex Robertson Park for Take Pride in Pickering Day – a biodiversity event which has been taking place twice a year since 2000.
- Winterfest programs were offered to community families and seniors in December as part of a partnership with the City of Pickering. We had over 250 families and seniors come down to the Information Centre to celebrate the season with a holiday movie, baking, crafts and sing along with the Young Singers.
- This past December, Pickering Nuclear supported three very deserving local charities: the Durham Regional Police Food and Toy Drive, Big Brothers and Sisters, and Dreams & Wishes. The Food and Toy Drive works with over 85 community agencies to deliver food and toys to thousands of families across Durham Region each year.

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