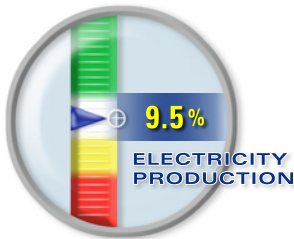


# Performance Report for Pickering Nuclear

Q2 2014  
Results

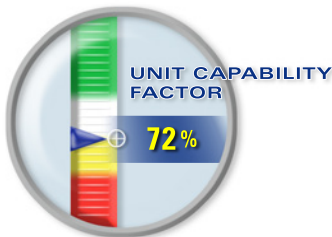
## Performance Update

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 second quarter of 2014.



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

OPG's nuclear electricity generation for Q2 of 2014 totalled 22.62 terawatt hours (TWh) compared to 22.5 TWh in 2013 in the same quarter. In Q2, Pickering Nuclear produced 9.5 TWh of electricity, meeting 16 per cent of Ontario's electricity needs.



### Reliability - Unit Capability Factor

Compared to Q2 in 2013, Pickering's unit capability factor for Q2 2014 was lower (72.04) primarily as a result of an increase in the number of days the station was shut down for maintenance outages.



### Environment - Performance Index

During Q2 2014, 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 2014, 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.

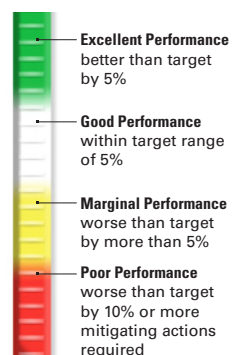


### Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. In Q2 2014, Pickering Nuclear recorded zero injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.



### Legend



## 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 in Q2, OPG's 10 nuclear units generated 22.6 terawatt hours.



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

- In June, the Canadian Nuclear Safety Commission (CNSC) removed the hold point from the Pickering station's operating licence, authorizing OPG to proceed with operation of the station up to 247,000 equivalent full power hours. This is an important milestone to enable us to continue to safely operate the Pickering units to 2020.
- On Saturday, June 7, as part of the annual Take Pride in Pickering biodiversity event, 50 community members, along with employees and their families helped to plant over 1,800 flowers and grasses. The planting took place at Alex Robertson Park, next to Pickering Nuclear. All species planted were native wildflowers that will provide pollen and nectar for pollinators such as bees and butterflies.
- Pickering Nuclear is home to a brand new juvenile Peregrine falcon, born on the site this spring. With the help of OPG employees and the Canadian Peregrine Foundation, a special nesting box was constructed for the Peregrine family to protect against the elements. At OPG, we are proud of our site environmental programs which encourage bio-diversity to retain what is significant, restore habitats that have been degraded, replace habitats that have been lost, and help recover species that are at risk.
- Residents living in the immediate vicinity of the Pickering and Darlington nuclear stations recently received a Nuclear Safety Guide in the mail. The handy reference tool, packaged as a working flashlight, explains what residents should do in the unlikely event of a nuclear emergency. It includes contact information for the partner agencies that are responsible for ensuring the safety of residents in the vicinity of the stations.

For more information go to: [www.opg.com/power/nuclear](http://www.opg.com/power/nuclear)