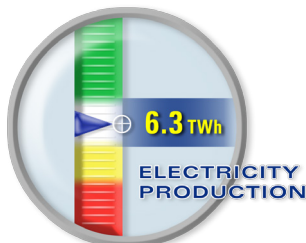


Performance Report for Darlington Nuclear

Q1 2013

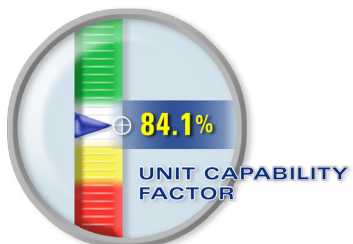
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation's Darlington Nuclear station in the areas of safety, operational and environmental performance and significant accomplishments during the first quarter of 2013.



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

OPG's nuclear electricity generation for Q1 totalled 11.6 terawatt hours (TWh) compared to 12.49 TWh in 2012 in the same quarter. In Q1, Darlington Nuclear produced 6.3 TWh of electricity, meeting 17 per cent of Ontario's electricity needs.



Reliability – Unit Capability Factor:

Compared to Q1 in 2012, Darlington's unit capability factor for Q1 2013 was lower (84.1) which reflected an increase in planned outage days to execute scheduled maintenance activities on the facilities.



Environment – Performance Index:

During Q1 2013, Darlington 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 Q1 2013, Darlington 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.

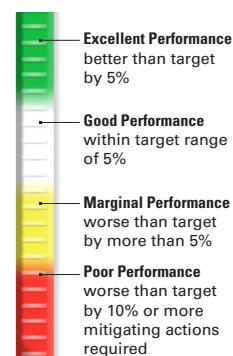


Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. In Q1 2013, Darlington Nuclear recorded 0.25 injuries per 200,000 hours worked which is better than the Canadian Electricity Association top quartile industry performance.



Legend



Performance Report for Darlington 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 in Q1, OPG's 10 nuclear units generated 11.6 terawatt hours.



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

- In January, OPG marked substantial completion of the Darlington Energy Complex (DEC) which will serve as the headquarters for the Refurbishment of the Darlington Nuclear Generating Station and support on-going station operations into the future. The Ministry of Energy issued a congratulatory tweet to OPG on the announcement.
- In February, the CNSC renewed the Darlington Power Reactor Operating Licence to the end of 2014.
- In March, the Canadian Nuclear Safety Commission (CNSC) issued its decision on the Environmental Assessment (EA) for OPG's Darlington Nuclear Generating Station Refurbishment and Continued Operation Project. The Commission agreed with OPG's conclusions that the Darlington Refurbishment Project will not result in any significant adverse environmental effects. This announcement follows the CNSC's four-day public hearing in Clarington last December, where OPG, CNSC and members of the public presented written and verbal positions on the proposed project. This decision enables OPG to move ahead with a number of activities in support of Darlington Refurbishment.
- Also in March the CNSC renewed the licence for the Darlington Waste Management Facility to 2024.
- OPG Nuclear was pleased to welcome thousands of families and local residents for our annual "March Break Madness" program, provided in partnership with many community partners including WindReach Farms, Earth Rangers, Driftwood Theatre Group, PineRidge Arts, and more.
- OPG celebrated an historic event in hydro-electric generation with the completion of the Niagara Tunnel. Serving the Beck generating complex, the tunnel is as tall as a four-storey building, and carries millions of litres of water more than 10 kilometres, at a speed of 500 cubic metres per second. The average energy produced is greater than that used per year by cities the size of Niagara Falls.

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