ONTARIO POWER GENERATION

Performance Report for Pickering Nuclear

Q1 2020 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 first quarter of 2020.

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

OPG's nuclear electricity generation for Q1 of 2020 totalled 11.1 terawatt hours (TWh) compared to 9.8 TWh in 2019 in the same quarter. In Q1, Pickering Nuclear produced 5.4 TWh of electricity, which was 13 per cent of the electricity produced in Ontario.

Reliability – Unit Capability Factor:

Compared to Q1 in 2019, Pickering's unit capability factor for Q1 2020 was lower (79.93) primarily as a result of an increase in the number of days the station was shut down for maintenance outages.

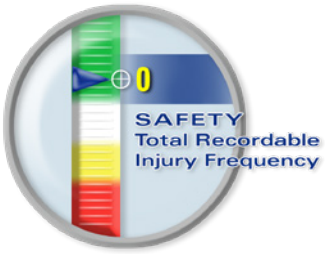
Environment – Spills to the Environment:

During Q1 2020, there were no spills to the environment at Pickering Nuclear that were reportable to a regulatory authority.

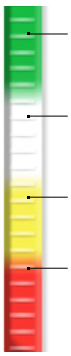
Safety

Total Recordable Injury Frequency:

The Total Recordable Injury Frequency (TRIF) measures the number of injuries involving OPG employees that result in a fatality, a lost time, requiring restricted work and requiring medical treatment per 200,000 hours. In Q1 2020, Pickering Nuclear recorded 0 injuries per 200,000 hours worked.



Legend



Excellent Performance better than target by 5%

Good Performance within target range of 5%

Marginal Performance worse than target by more than 5%

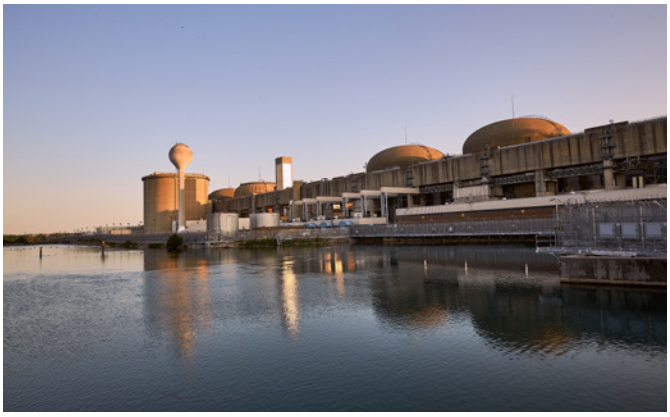
Poor Performance worse than target by 10% or more mitigating actions required

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

ONTARIO POWER GENERATION

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 27 per cent of the electricity produced in Ontario in Q1, OPG's 10 nuclear units generated 11.1 terawatt hours.



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

Bring Back the Salmon: The Pickering and Darlington information centres have some new residents: each is now home to 100 salmon eggs.

Pickering Nuclear has hosted an educational salmon hatchery since 2011 and Darlington Nuclear received their hatchery in 2019. This is part of the Ontario Ministry of Natural Resources and Forestry, Ontario Federation of Anglers and Hunters Bring Back the Salmon initiative. The program is designed to re-establish a self-sustaining population of Atlantic Salmon in Lake Ontario. OPG is lead sponsor for this program.

Over the next three months, Grade 5 and 6 students from Sir John A. MacDonald in Pickering and St. Joseph's in Coburg will track the progress of the eggs as part of OPG's outreach and educational component of the Bring Back the Salmon program.

In late spring, they will release the fry (young salmon) into Duffins Creek and Cobourg Creek respectively.

Mix inquiring minds; water, salmon, with an opportunity for an up close and personal experience with a dash of hands-on learning, and you get engaged, environmentally-minded ambassadors for our future.

OPG is proud to be able to provide this opportunity to our student communities and to have contributed over 1,000 salmon through our hatcheries to the restoration initiative.

Visit bringbackthesalmon.ca for more information.

Nuclear fleet celebrates record-setting year: It was a record-setting year for our nuclear fleet.

In 2019, Pickering and Darlington Nuclear achieved their best performance ever. Both stations were recognized by the World Association of Nuclear Operators for being among the top performing nuclear stations in the world.

In 2019, Pickering Nuclear produced 23.6 TWh of clean electricity for the province, the highest ever yearly output for the six-unit, 3,100-megawatt station.

Since 2017, three of Pickering's six units have recorded their longest continuous operating runs in history, including Unit 4, which has now been reliably producing baseload electricity for more than 500 consecutive days.

Darlington Nuclear has also achieved remarkable results, including its best-ever conventional safety performance, lowest station backlogs in history and $280 million of new equipment put into service. Darlington saw a record run on Unit 1, with the longest run of any unit in station history.

With the dedication of staff, many whom reside in the region, along with the commitment to safety, continuous improvement and a drive to excellence, both stations are working toward a repeat performance in 2020.