

# adapt

We will ensure our operations are resilient to the impacts of a changing climate and our host communities are safe.

## By 2025



Climate change considerations will be embedded into established business process to ensure resilience is a priority in the maintenance of our generating fleet and the operations of our business.



Complete upgrades on the Little Long Generating Station's Adam's Creek spillway improving discharge capacity on the Mattagami River.



Continue to invest in nuclear asset resiliency through upgrades that support operations such as lake algae bloom mitigation (Advanced Algae Warning System, bubble curtains, etc.).



Deploy a new hydro prediction and modelling system to improve water management due to adverse weather events caused by a changing climate.



Continue to engage in government and inter-sector adaptation teams to increase the resilience of all infrastructure.



Explore the feasibility of nature-based climate adaptation solutions that use nature to help protect our assets and operations, such as building wetlands to help regulate water flow upstream of hydro dams.



Add new internal sluice at Ranney Falls to respond to water management issues.

## By 2040

OPG is net-zero carbon



Evaluate full-scale, nature-based solutions to reduce the effects of climate change, where appropriate.



Implement optimization decisions and support systems to aid in responding to changing climatic conditions.

## By 2050

The economy is net-zero carbon



Address all generating asset-based climate vulnerabilities to ensure the continued production of clean, reliable power.