

Description

Ontario Tech University aims to reduce its greenhouse gas emissions through intentional renewable energy projects and capital improvements that positively impact both the campus community and surrounding Durham Region neighbourhoods.

Progress to Date

Over the past five years, Ontario Tech University has made significant progress in reducing its greenhouse gas emissions. This includes \$900,000 worth of lighting upgrades from fluorescents to LEDs, 250 kW worth of solar energy projects, and the replacement of four fleets (three vehicles and one ice resurfacer) from gas-powered to electric.

The progress doesn't stop there with current greenhouse gas saving projects like the installation of a better insulated roof on the and the installation of a heat pump that will reduce the load of gas-powered boilers, expected to be completed this fall.

Desired Outcomes

Ontario Tech University prioritizes projects that provide the best sustainability benefits that its funding can support.

The desired outcomes of greenhouse gas saving projects on campus are to:

- Significantly reduce scope one, two, and three emissions.
- To engage and educate the community on the impacts greenhouse gases and how to reduce them through campus sustainability tours and workshops.
- Use sustainable infrastructure projects as campus living labs to promote experiential learning at the university amongst students, staff, faculty and community members.

Electric Vehicle



Solar Energy Projects



Long-term Vision and Sustainability Commitment

With a goal to significantly reduce its greenhouse gas emissions, Ontario Tech University is proud to spearhead sustainability projects that foster an equitable, resilient and sustainable future for all.