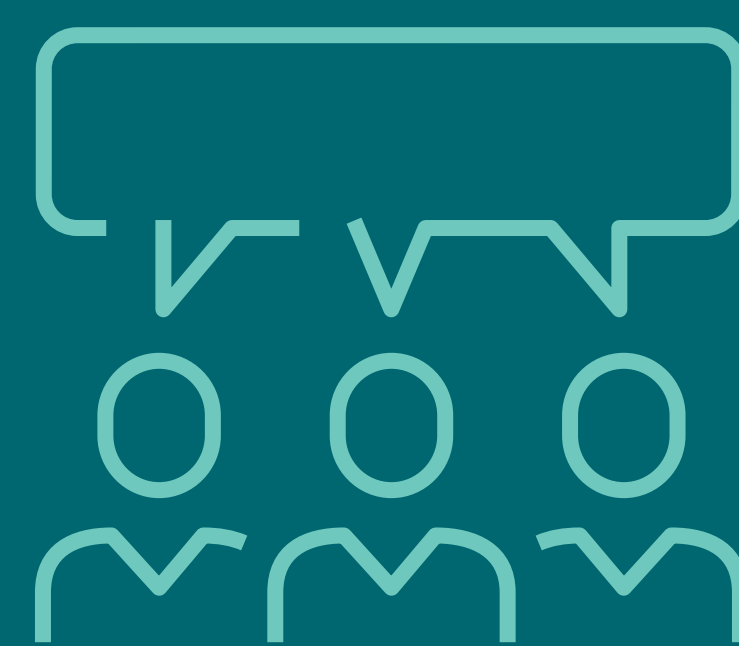
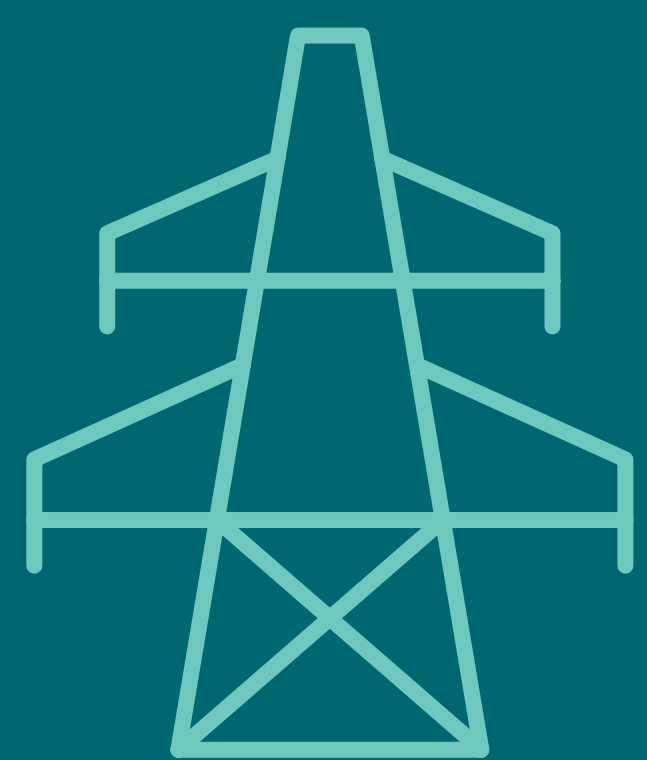


Welcome

Connect New Darlington Project Community Open House #1

Why we are here:

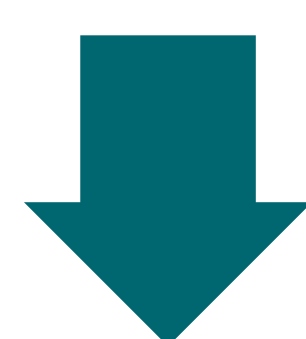
- Present information on Hydro One's connection to OPG's New Nuclear Darlington Project
- Discuss the Environmental Assessment and key milestones
- Listen to community members and discuss opportunities to collect feedback throughout the project



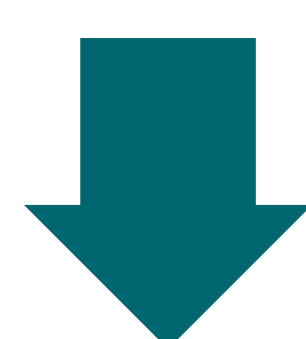
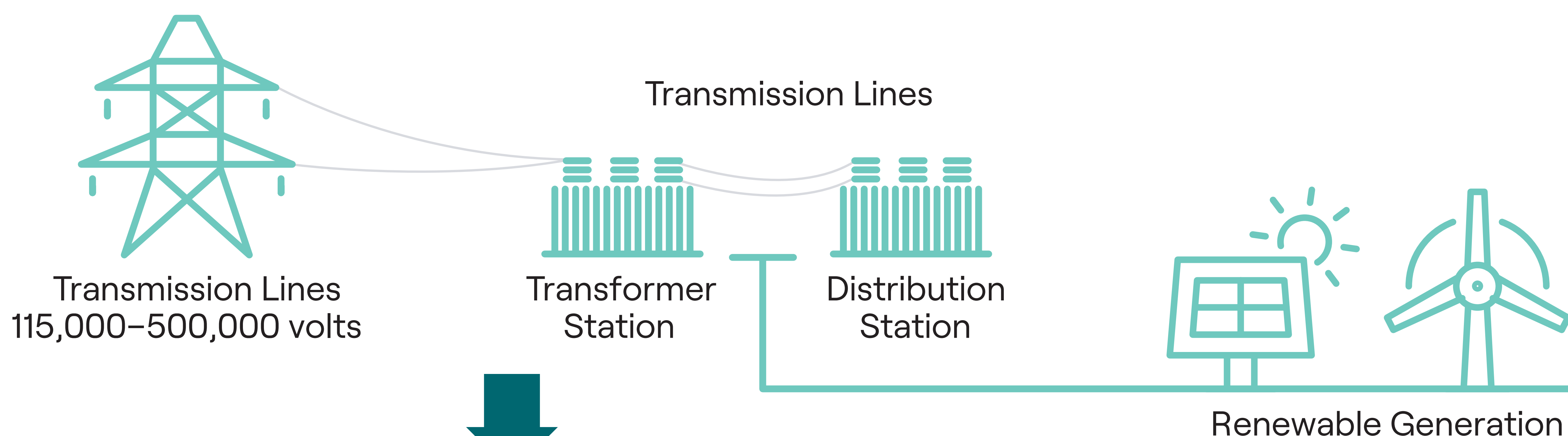
How the system works

We energize life for people and communities, helping Ontarians live a better and brighter future. In your community we distribute power directly to homes and businesses as well as provide power to local distribution companies.

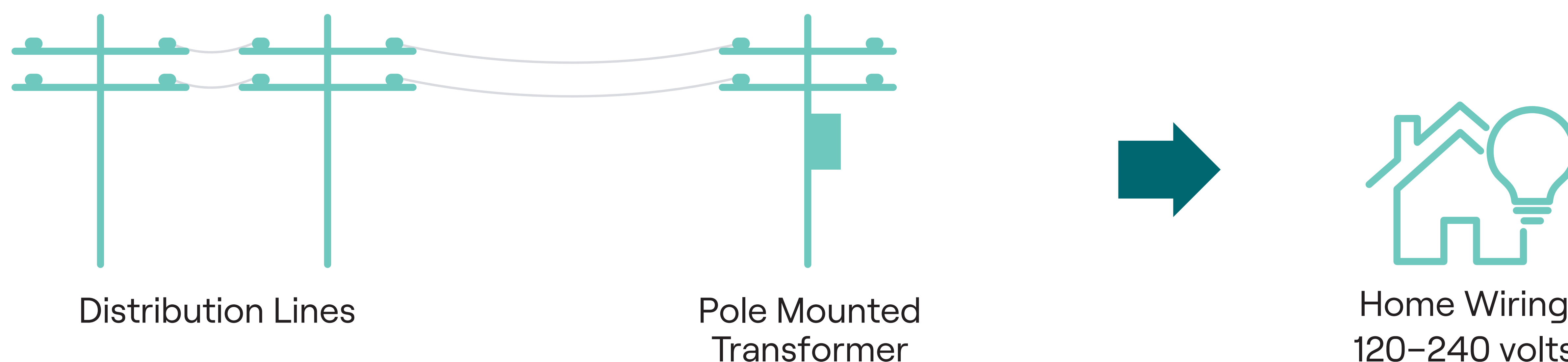
Ontario Power Generation and Private Generation Companies



Hydro One or Licensed Transmitter



Hydro One or Local Distribution Company



Meeting Ontario's electricity needs

To support energy needs in Durham Region and beyond Hydro One has begun the planning process to connect Ontario Power Generation's (OPG) Darlington New Nuclear Project.

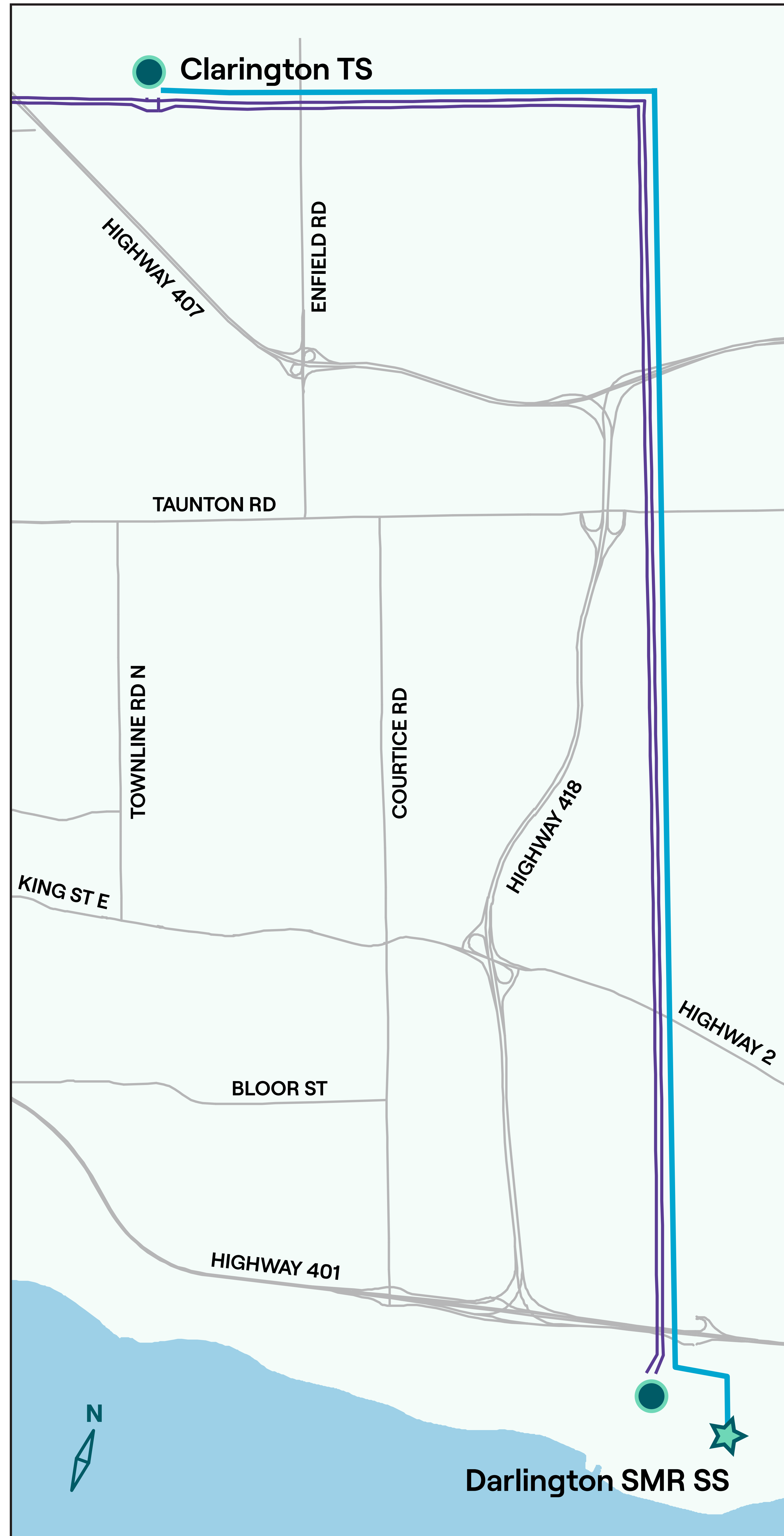
The new 22 km line will be built within the Municipality of Clarington along an existing electrical corridor.

The new line will be located adjacent to Hydro One's current transmission lines and create a new connection between the OPG's new Darlington facility and Hydro One's Clarington Transformer Station (TS).



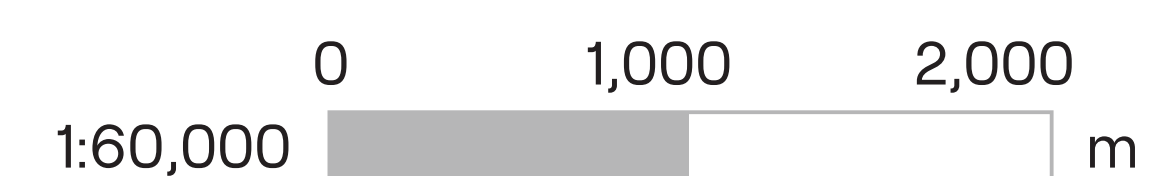
Once built, the new line will look similar to the existing infrastructure within the corridor.

Project area map



Map Legend

- New Proposed Transmission Line
- Existing 500 kV Transmission Lines
- New OPG Station
- Transformer Station
- Roads



Building the new line

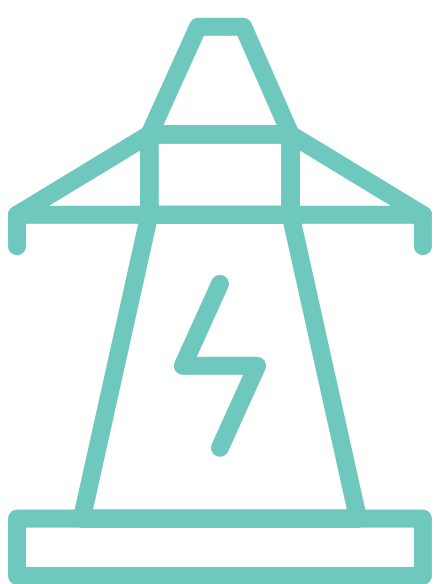
Building the new proposed transmission line will include:



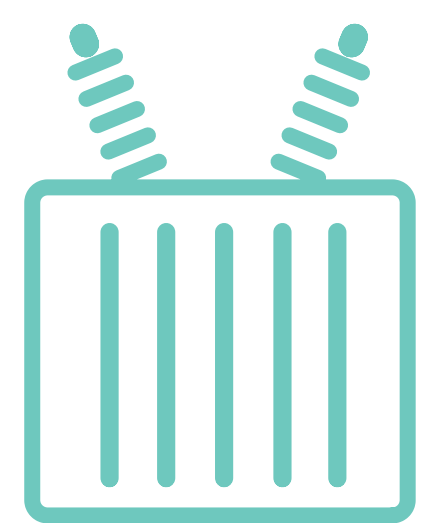
Establishing study areas for field studies.



Trimming or removing vegetation and establishing access roads and construction areas.



Installing new towers and wires that could carry a voltage of up to 500 kilovolts.



Connecting the new line to Clarington TS and OPG's facility, requiring minor work within the station.



Working with property owners

We will be working with property owners throughout the planning and construction of the project by:



Engaging with property owners and license holders to discuss how the work will impact existing agreements.



Understanding existing conditions and working with community members to ensure the corridor can be utilized and maintained without obstruction.



Answering questions and providing project information for community members living within proximity to the project area.



What is a Class Environmental Assessment?

The Class Environmental Assessment (EA) is the first step towards completing the planning for this important project. This project is subject to Hydro One's Class EA for Minor Transmission Facilities.

This process applies to transmission infrastructure projects that are carried out routinely and have predictable environmental effects that can be readily managed to ensure that potential natural, economic, social, and cultural effects are thoroughly considered before a project begins.

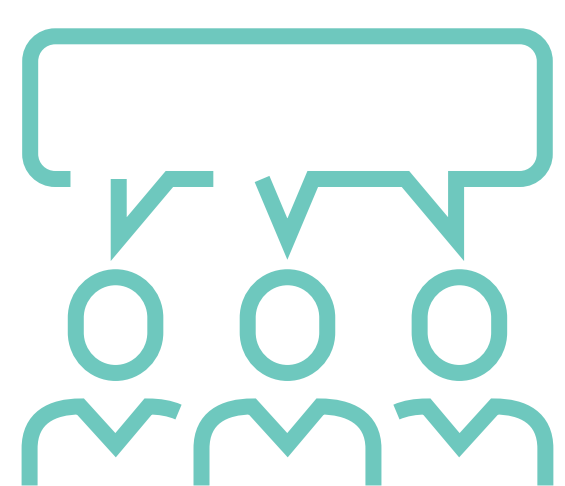
As part of the Class EA process, all project planning will be shaped by:



Engagement with Indigenous communities, government agencies, Conservation Authorities, residents, interest groups, and elected officials.



Collection of natural and socio-economic data.

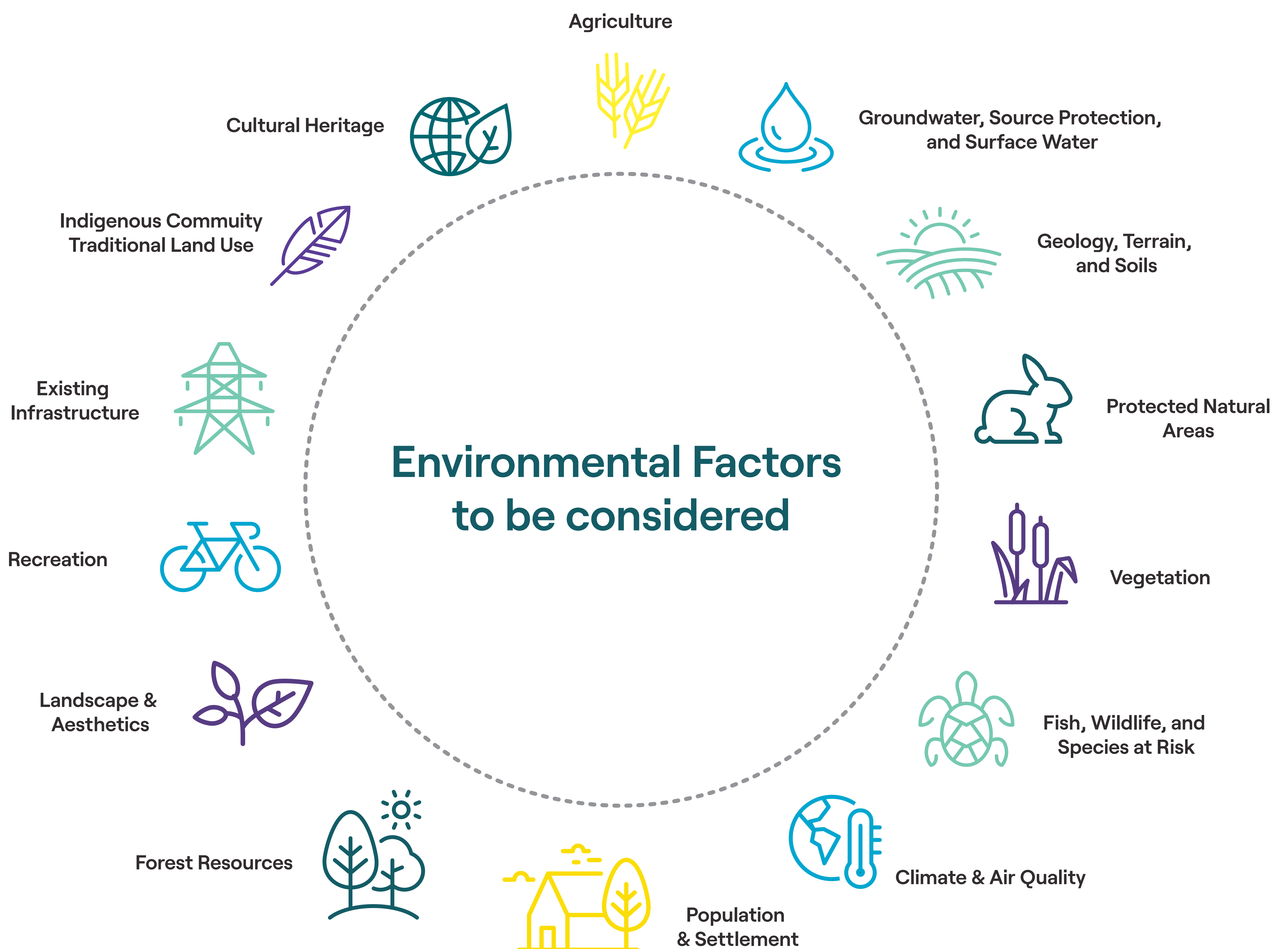


Identification of potential effects and proposed mitigation measures.

Hydro One's Class EA is available at: HydroOne.com/ClassEA

Environmental considerations and studies

We are completing field studies and collecting data in the below areas for consideration in our project planning.



Examples of studies

As part of our project planning, and to ensure our understanding of the existing environment, examples of field studies and data to be collected will include:

Species at risk studies:

- Analyzing existing data including records of species at risk observations.
- Completing field studies (examples: migratory birds, amphibians, bats, vegetation).
- Developing site mitigation plans if needed.

Cultural heritage areas:

- Assessing existing data to determine any potential areas of archeological significance.
- Conducting test pitting and plowing within predetermined areas to identify any objects of cultural significance.

Ground water and source water protection:

- Analyzing well water records.
- Reviewing historical knowledge from past projects in area.
- Identifying source water protection areas.
- Completing field investigations to confirm water depths and below surface ground conditions.

Health & safety in the corridor

Hydro One has a dedicated team that regularly monitors global studies around electric and magnetic fields (EMF) and ensures that our infrastructure is built and maintained following best practices and industry standards. We look to Health Canada, the World Health Organization and the International Commission on Non-Ionizing Radiation Protection, for guidance on EMF and our approach.

Based on global studies which continue to be regularly monitored members of the public do not need to take precautions to protect from fields produced by extremely low frequencies such as transmission lines.

Hydro One is completing modeling to confirm that once the line is energized the fields produced will remain within a safe level.



Indigenous consultation

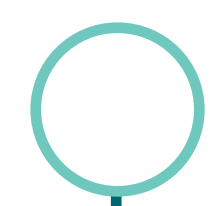
Hydro One is committed to working with Indigenous communities in a spirit of cooperation and shared responsibility.

Forging meaningful relationships with Indigenous communities based upon trust, confidence, and accountability is vital to building partnerships and advancing Reconciliation.

Our Four Pillars of Indigenous Consultation

 <p>Excelling at Engagement</p>	 <p>Working with Integrity</p>	 <p>Holding Ourselves Accountable</p>	 <p>Breaking Barriers</p>
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Project milestones



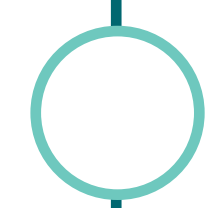
February 2023

Notice of Commencement



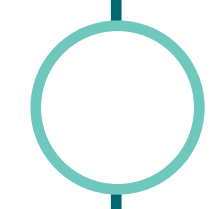
March 2023

Community Open House



Remainder of 2023

Field studies for Environmental Assessment (EA)



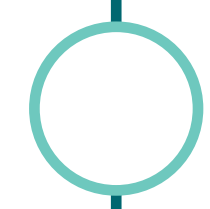
Fall 2023

Community Open House



2024

Draft EA for public review/comment



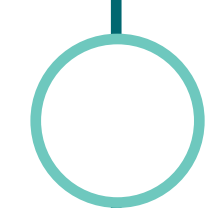
2024

Finalized EA and project approvals through Ontario Energy Board (Leave to Construct)



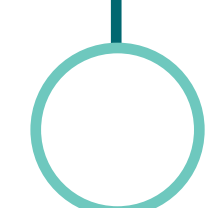
2024

Community Open House



2024

Construction Begins



2027

Line Energized

Community engagement

We are committed to listening and engaging with the community throughout each stage of the project by:



Providing a number of opportunities to share information about the project.



Understanding the community's perspective, collecting input and considering options to mitigate impacts where possible.



Looking for opportunities to support local initiatives.



Thank you for joining us!

We want to hear from you

Please provide your feedback and join our project contact list by contacting Hydro One Community Relations:



1.877.345.6799



Community.Relations@HydroOne.com



HydroOne.com/Darlington