



Introduction to Hydro One and Transmission Connections

Hydro One Networks Inc.



Contents

- Hydro One Overview
- Customer Centric Organization
- Hydro One's Role in the Ontario Electricity System
- Non-Regulated Businesses
- Key Industry Players
- Connection Process
- Regional Planning & Customer Engagement

This package was published for Hydro One's Transmission "Tx" Connection Customers as a supplement to the "[Transmission Connection Procedures](#)" document, which outlines the complete process and requirements.

We highly encourage customers to review this document and ensure they are aware of all required approvals, processes, organizations, and costs prior to undertaking the application process to prevent any delays.

For more information, please visit

[Transmission Connections \(hydroone.com\)](https://hydroone.com)



Purpose

Energize life with reliable and sustainable solutions for a brighter future



Vision

A better and brighter future for all

Strategic Priorities



Customers

Strengthen trust and improve customer satisfaction with exceptional service.



Growth

Expand and Modernize the grid to meet Ontario's energy needs.



Solutions

Drive innovation and leverage technology to support an electrified future.



Partnerships

Build meaningful partnerships to develop high-impact solutions

Hydro One Overview

- Hydro One Limited, through its wholly-owned subsidiaries, is **Ontario's largest** electricity transmission and distribution provider, supplying approximately 1.5 million combined transmission and distribution valued customers covering approximately 75 per cent of the geographic area of Ontario.
- Our team of skilled and dedicated employees proudly build and maintain a **safe and reliable** electricity system which is essential to supporting strong and successful communities.
- **We are committed** to the communities where we live and work through community investment, sustainability, and partnership initiatives.
- Hydro One Limited's common shares are listed on the **TSX**, and certain of Hydro One Inc.'s medium term notes are listed on the NYSE.
- For more corporate details and how we are energizing life in Ontario for over 110 years, please visit <https://www.hydroone.com/about/>

Customer Centric Organization



Dedicated Team for You



Engage with us early in your planning. Our dedicated **Large Customer Account Management Team** will help to guide and navigate you through the life-cycle of your connection.

Trusted Partner



When it comes to ensuring reliable energy supply, Hydro One has a strong history of connecting customers to our Transmission & Distribution systems for over a century.

Industry-Leading Expertise

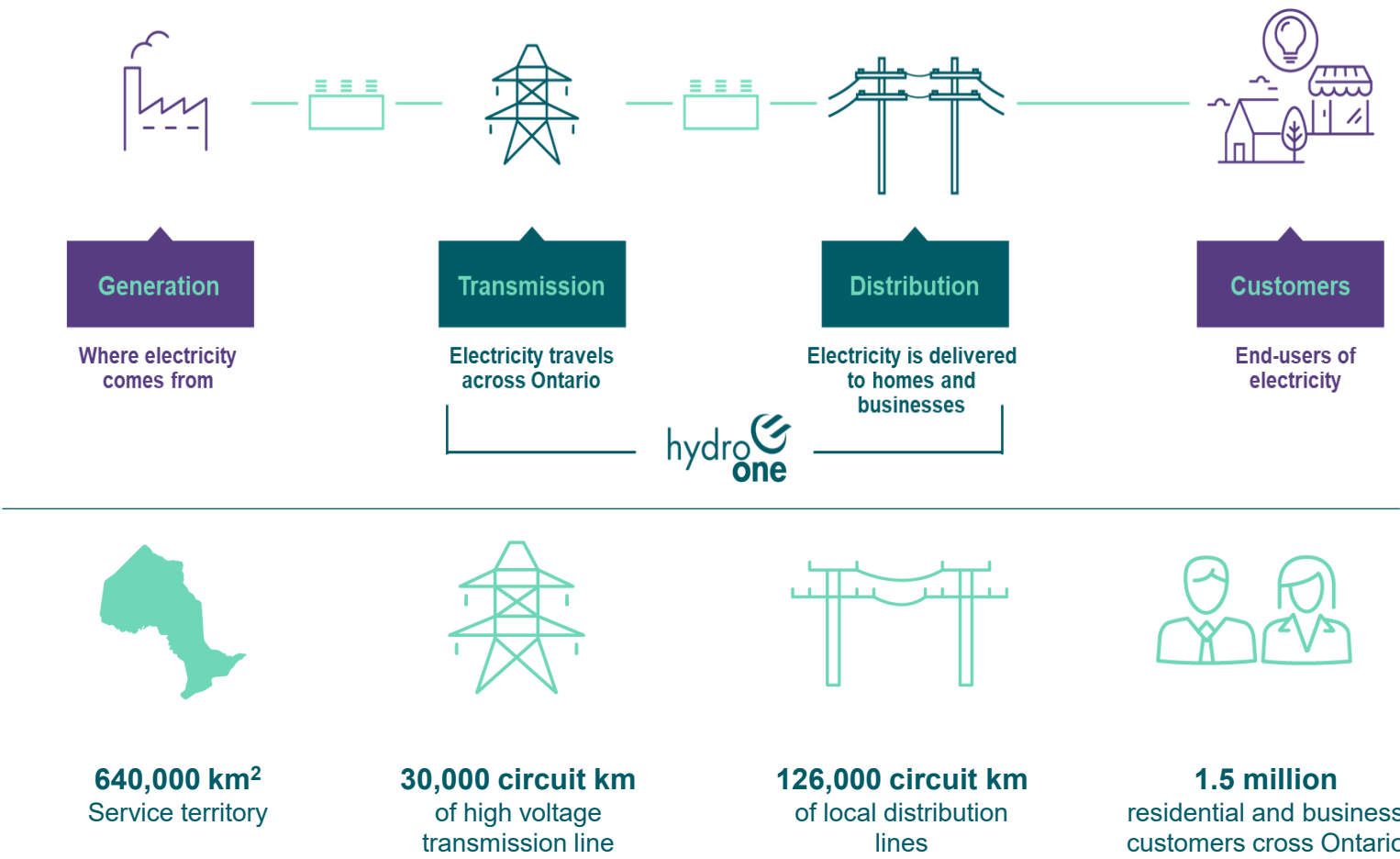


As one of the largest electric utilities in North America with significant scale and leadership position in Ontario, Hydro One offers **comprehensive** and **integrated solutions** in electricity infrastructure.

Hydro One's Role in the Ontario Electrical System



Hydro One's regulated business operates under a rate regulated Custom Incentive Rate Making Framework. Business energizes life for people and communities, helping Ontarians live a better and brighter future.



Non-Regulated Businesses

Unregulated businesses provide opportunity for additional growth; they currently account for 1% of total assets and 1% of total revenues, net of purchased power.



Acronym Solutions Inc. (formerly, Hydro One Telecom Inc.) offers a comprehensive suite of information and communications technology solutions.

www.AcronymSolutions.com



Ivy Charging Network™ (Ivy), a joint venture between Hydro One and Ontario Power Generation, providing electric vehicle (EV) fast charging stations across Ontario.

www.IvyCharge.com



Aug Energy Inc. is a behind –the-meter energy company providing auxiliary energy solutions for commercial and industrial customers in Ontario.

<https://auxenergy.com>

Key Industry Players



Role of Key Players in the Connection Process

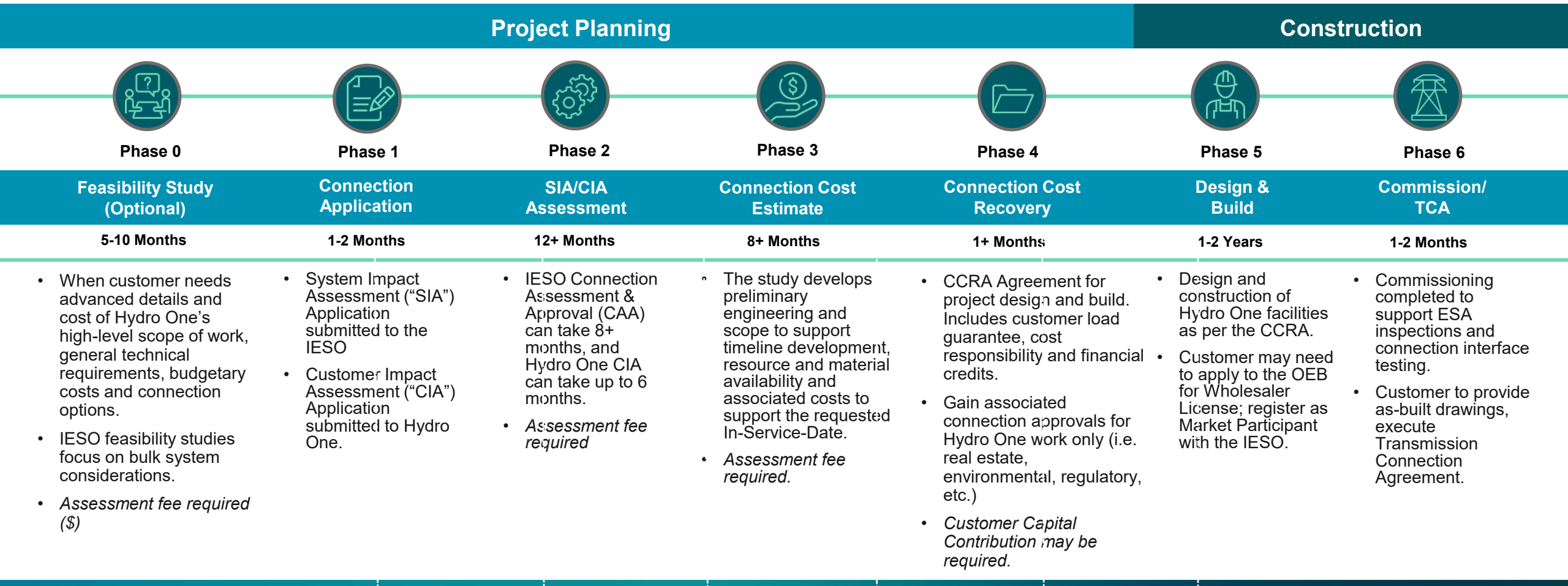
				
Ministry	Hydro One	IESO	OEB	ESA
The Government of Ontario, through the Ministry of Energy and Mines, sets the overall policy for the energy sector. It does this mainly through laws and regulations.	Licensed transmission and distribution utility. Responsible for operating and maintaining the transmission and distribution system, including new connections once approved. Physically connects your facility and ensures safety.	The Independent Electricity System Operator (IESO) manages the supply and demand of electricity. Directs flow of electricity across Ontario. Manages conservation and energy-saving programs.	The Ontario Energy Board (OEB) regulates electricity utilities in Ontario, including cost responsibility and electricity rates (Transmission System Code and Distribution System Code).	The Electrical Safety Authority (ESA) is mandated to enhance public electrical safety in Ontario. The ESA must provide authorization in order for a customer to connect to the system.
www.ontario.ca	www.HydroOne.com	www.IESO.ca	www.OEB.ca	www.ESASafe.com

Connection Process



Hydro One has an OEB approved process for Transmission (Tx) connections to our grid. An average connection can take two to five years depending on complexity. For more information, refer to the [Transmission Connection Procedures](#).

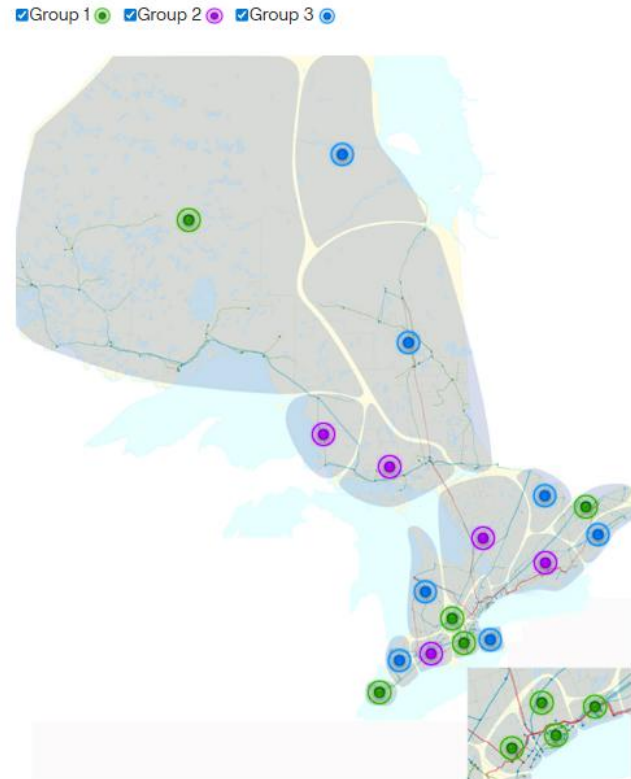
Hydro One's regional Account Executive will be your single point of contact to support you throughout your connection journey.



Regional Planning

Our regional planning process is designed to ensure Ontario has a reliable electricity supply and enables transparent, coordinated, and cost-effective planning of regional electricity infrastructure in Ontario's 21 electricity planning regions.

Regional Planning Zones in Ontario



Regional Planning Process

The regional planning process was mandated by the OEB in 2013 through amendments to the Transmission System Code (TSC) and Distribution System Code (DSC).

The Planning Process Working Group (PPWG) - a group of industry stakeholders - developed and released its Working Group Report to the Board, setting out the new regional planning process.

The regional planning process is undertaken in **21 regions** in Ontario and prioritized into three groups based on anticipated needs.

The priority of a region may change based on new and relevant information from stakeholders.

For the 20 regions where Hydro One is identified as the lead transmitter, our primary roles are to conduct a Needs Assessment (NA) and to develop a Regional Infrastructure Plan (RIP). We look at supply and reliability issues at a regional level to address local needs.

[Hydro One Regional Planning](#)

[IESO Regional Planning](#)

[OEB Regional Planning Process Advisory Group \(RPPAG\)](#)

Before You Apply

Engage with us early. It's important to get in touch with Hydro One to discuss your future plans as planning and infrastructure can take time. To get started, submit the **Transmission Customer Preliminary Inquiry Form** available at [Transmission Connections \(hydroone.com\)](https://hydroone.com/transmission-connections). Once received, one of our **Large Customer Account Executives** will contact you via email, phone or, if need be, meet you in-person, to discuss your connection.

Apply

With help from your **Large Customer Account Executive**, submit your connection application. For more detailed information about the Tx Load Connection Process, please visit [Transmission Connections \(hydroone.com\)](https://hydroone.com/transmission-connections) or email LargeAccounts@HydroOne.com.





Contact

For more information, visit www.HydroOne.com
or contact us at LargeAccounts@HydroOne.com