



Durham Climate Roundtable Leadership Committee

Multi-sector collaborative leadership: Brings together relevant local government, industry and societal leadership, within Durham Region, to collaboratively work toward achieving regional climate targets

Serves as part of a two-way information exchange network:

- To gain expertise, share best practices and lessons learned amongst people and organizations that have demonstrated a commitment to climate leadership
- To support data gathering for the annual greenhouse-gas inventory and progress on decarbonization within Durham Region

Champions for Change: Recognizes the right leaders from all areas of society, will be required to lead change

Durham Climate Roundtable Leadership Committee members are:

1. The bridge between the Roundtable and organization
2. Strategic advisors for the annual report and action tracking
3. Ambassadors for climate action in Durham Region

Leadership Committee Member Criteria



Elexicon Energy

Addressing Climate and Energy Security

**Sam Sadeghi, Vice President Asset Management and
Distribution Operations, Elexicon Energy**

April 10th 2024



Purpose

Provide an overview of what
Elexicon is doing to:

- Address climate change
- Plan for energy security



Agenda

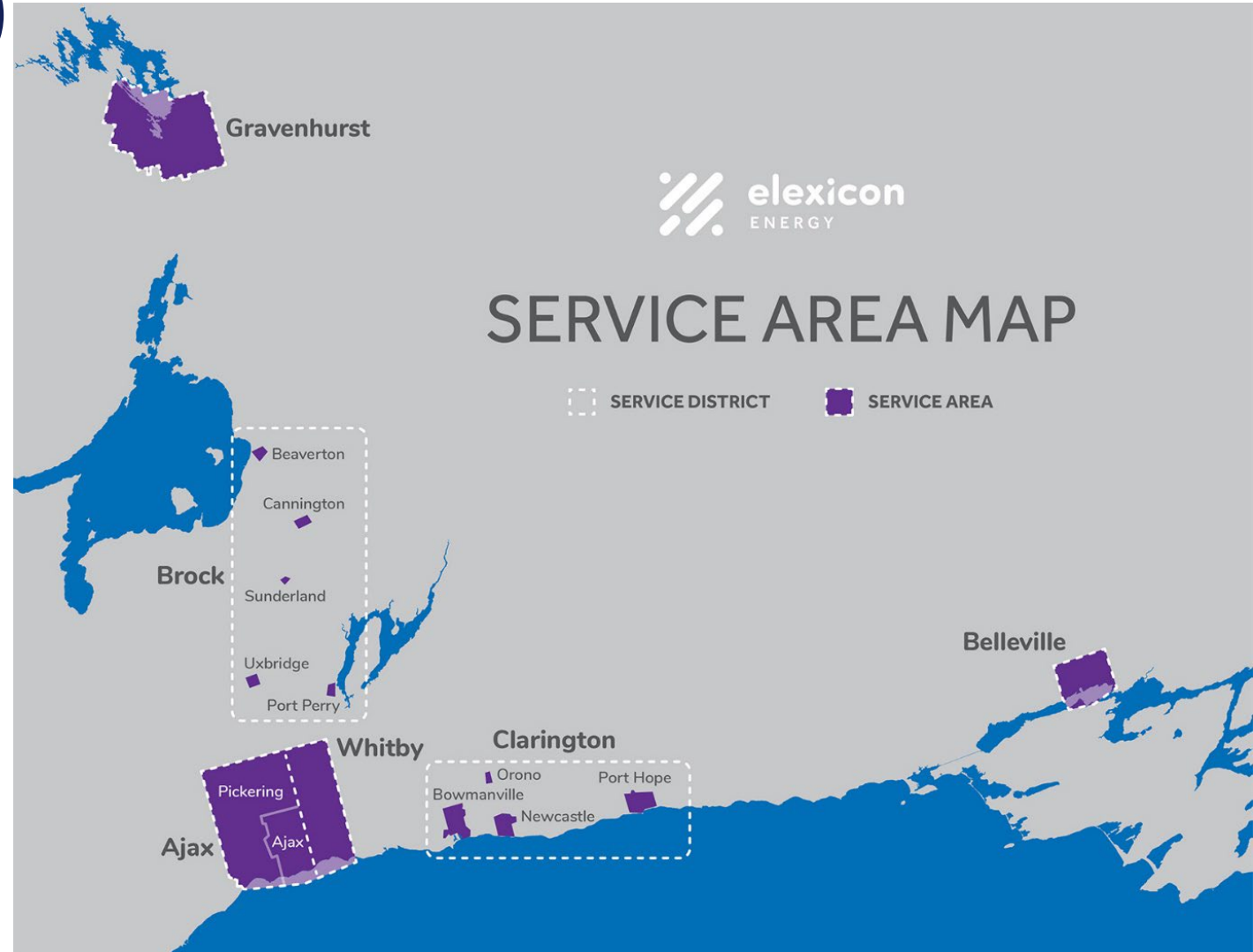
- Overview of Elexicon Energy
- Addressing Climate Change
- Energy Security Plan
- Asks of the Municipalities
- Q&A



Overview of Elexicon

Elexicon Energy is Ontario's 4th largest municipally-owned LDC, and delivers electricity to approximately 177,000 homes and businesses located in the following ten municipalities in east central Ontario:

- Ajax
- Belleville
- Brock
- Clarington
- Gravenhurst
- Pickering
- Port Hope
- Scugog
- Uxbridge
- Whitby



Overview of Elexicon

- Regular Full-time/Part-time Employees: 253
- Corporate headquarters located in Ajax, with offices in Belleville, Brock, Clarington, Gravenhurst and Whitby
- Approximately 4,600 km of overhead & 2,700 km of underground cable
- Approx. \$600 million in assets
- 1 Transformer Stations (TS) and 66 Municipal Stations (MS) in our service territory



Regulatory Environment

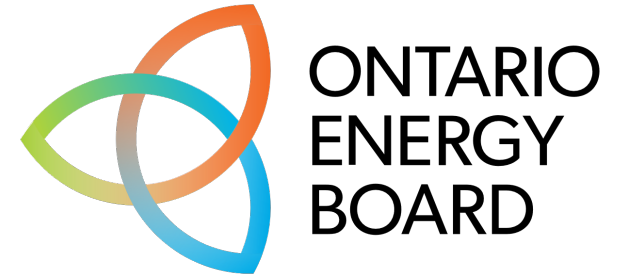
Elexicon Energy is regulated by the Ontario Energy Board (OEB).

The OEB:

- Licenses regulated entities (e.g. distributors).
- Approves rates of electricity distributors, transmitters and some generators.
- Sets requirements that distributors must follow (e.g. codes, guidelines, etc.)

Distribution System Code (DSC) defines requirements for connections.

- Distributors cannot reserve capacity for future developments.
- DSC defines rules for different types of system investments to enable customer growth.



Sustainability Award

March 25, 2024

Honoured with the Sustainability
Excellence Award from the
Electricity Distributors Association



Addressing Climate Change

- Environmental policy to reduce our carbon footprint
- ISO 14001 Compliance by 2025
- ESG Framework
- Enabling electrification of our customers/transit
- Forecasting load growth
- Building new substations



Energy Security Plan

- Revised engineering and design standards
- Renewing aged assets
- Weather-hardened equipment upgrades
- Enabling bi-directional flow (microgeneration)
- New technology and grid modernization
- Cyber security



Safe

Reliable

Resilient



Affordable



Sustainable



Asks of the Municipalities

- Inform us of your critical loads and any changes to regulations
- Share load/population growth/re-zoning plans/projections
- Engage us early
- Expedited permitting (i.e. road occupancy, etc.)
- Advocacy and public education collaboration
- Patience



Thank You!

Questions?

