

lead

We will work with others to lead the decarbonization of Ontario's economy, and share our province's lessons with the world.

By 2025



Continue to be a global leader in SMR development and continue to lead the CEO SMR Forum and the CANDU Owners Group (COG) SMR Technology Forum.



Lead the implementation of SMR deployment feasibility work coming out of the Premiers' MOU on SMR Collaboration to bring this climate change fighting technology to market.



Be the first to deploy a very small modular reactor at the Chalk River site as part of Canadian Nuclear Labs' SMR siting program, as a commercial demonstration to support off-grid energy needs (remote communities, mines) reducing dependency on fossil fuels.



Enhance our leadership position in sustainable nuclear decommissioning by developing the Centre for Canadian Nuclear Sustainability, which will be a world-class centre of excellence that will help manage the full nuclear lifecycle.



Continue to be a leader in fleet electrification by providing our world-class electrification expertise to help enable the transition of municipal and large corporate fleet vehicles.



Continue to be a leader in mass transit transportation electrification, by executing projects in the marine transportation sector, as well as eBus transit spaces.



By 2025, lead the electrification of the trucking sector by developing and deploying critical charging infrastructure.



Continue to participate in industry leading climate change adaptation research with Ouranos to better inform our business decisions and processes (since 2007).



Continue to lead energy storage industry development through leadership positions in organizations such as Energy Storage Canada.



As Canada's largest corporate Green Bond issuer after our 2020 issuance, continue to expand the issuance of Green Bonds to raise awareness and profile of clean energy projects.



Lead the completion of taxonomy to define the technologies that can advance the transition to a net-zero carbon economy.



Incorporate environmentally friendly policies, processes and metrics in existing sourcing and procurement practices, partnering with Tier 1 suppliers to develop a mandate of "Carbon Neutral" sub-supplier selection process.

By 2040

OPG is net-zero carbon



Help Saskatchewan and other jurisdictions with SMR deployment.



Promote world-wide deployment of SMR technology to help global jurisdictions decarbonize their electricity sectors.



Be a global leader in economy-scale electrification, bringing our expertise in consumer transport, trucking, fleet and mass transit electrification to other national and global markets.



Be a market leader with fully established practices and robust processes to select, partner and sustain environmentally conscious supplier relationships.



Be a leader in nature-based climate solutions in the utility space, using the power of nature to build resilience of our assets and to help mitigate the effects of climate change.

By 2050

The economy is net-zero carbon



Share our expertise to help decarbonize local and global economies using SMR and hydro development, electrification infrastructure, and sustainably-focused operational/project excellence.