



2030 ERP: ELECTRICITY

Working towards net-zero electricity by 2035 will expand non-emitting energy across Canada, connect regions to clean power, and foster more clean, reliable, and affordable electricity supply. It will also help reduce emissions from other sectors, like industry, buildings, and transportation.



What We've Already Done

- ✓ Accelerated the phase-out of coal, implemented natural gas regulations and put a price on carbon pollution.
- ✓ Funded several programs to meet the rising demand for clean electricity including the \$964 million Smart Renewable Electrification Pathways Program, the \$99 million Smart Grids program and the \$200 million Emerging Renewable Power Program.
- ✓ Launched the Small Modular Reactors (SMR) Action Plan to advance the potential of using this technology as a way to reduce emissions.
- ✓ Provided \$340 million to fund projects to support the transition off diesel in rural and remote Indigenous communities.

Key New Actions

To meet Canada's 2030 emissions reduction target and reach net zero by 2050, the Government of Canada will focus on the following key areas to reduce emissions in the electricity sector:



Continued and enhanced support for the deployment of commercially ready renewable energy technologies will support grid decarbonization in the near term. Looking out to 2050, investments in emerging technologies such as geothermal, tidal, SMRs, carbon capture and storage, and electricity storage will allow Canada to be a world leader in these new technologies. To support the development and deployment of these technologies, the Government will make additional investments:

- \$600 million to the Smart Renewables and Electrification Pathways Program to support additional renewable electricity and grid modernization projects
- \$250 million to support predevelopment work of large clean electricity projects, in collaboration with provinces, through the Electricity Predevelopment Program, and
- \$2.4 million for the creation of the Pan-Canadian Grid Council to provide external advice to the Government of Canada to promote clean electricity infrastructure investments



To help connect regions with clean power, the Government will:

- Supported by a \$25 million investment, establish Regional Strategic Initiatives to work with provinces, territories and relevant stakeholders to develop regional net-zero energy plans.
- Lead engagement across Atlantic Canada to shape a clear path forward for the Atlantic Loop initiative.
- Support de-risking and accelerating the development of transformational, nation-building inter-provincial transmission lines that connect supplies of clean power to locations that currently rely heavily on fossil fuels for power generation.



Going Further

The Government commits to further implement the SMR Action Plan including establishing a SMR Leadership Table to advance Canada's SMR future and ensure participants benefit from expert advice and guidance, and explore opportunities to expand the development and deployment of SMRs at home and abroad.

Developing a Clean Electricity Standard (CES) to achieve a net-zero electricity grid by 2035 will provide a clear path forward and certainty for industry. The Government released a discussion paper and launched a collaborative process with provinces, territories, and Indigenous partners, as well as industry, civil society to inform the design and scope of the standard.