



Grid modernization canada

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Harnessing Canada's immense clean energy resources requires transformational investments to modernize our electricity grid. The Government of Canada is investing in renewable energy and upgrading the electricity grid to make clean, affordable electricity options more accessible in communities across Canada.

The Honourable Seamus O'Regan Jr., Minister of Natural Resources, today launched a \$964-million program to support smart renewable energy and grid modernization projects that will lower emissions by investing in clean energy technologies, like wind, solar, storage, hydro, geothermal and tidal.

The Smart Renewables and Electrification Pathways Program (SREPs) supports building Canada's low-emissions energy future and a renewable, electrified economy through projects that focus on non-emitting, cleaner energy technologies, such as storage, and modernizing electricity system operations.

Minister O'Regan launched the program during the Canadian Electricity Association's (CEA) virtual regulatory forum on Electricity Regulation & the Four Disruptors - Decarbonization, Decentralization, Digitalization and Democratization. The launch also coincides with Canadian Environment Week, which celebrates Canada's environmental accomplishments and encourages Canadians to contribute to conserving and protecting the environment.

Through SREPs and other programming, the government is working with provinces and territories, utilities, Indigenous partners and others, including diverse businesses and communities, to deliver these clean and reliable energy initiatives. With Canadian innovation, technology and skilled energy workers, we can provide more communities, households and businesses with an increased supply of clean electricity and a cleaner electrical grid.

This supports Canada's strengthened climate plan, A Healthy Environment and a Healthy Economy. Canada is advancing projects that support the clean grid of the future collectively with investments from the Fall Economic Statement 2020 and Budget 2021, Canada will achieve our climate change commitments and ensure a healthier environment and more prosperous economy for future generations.

"Our new Smart Renewables and Electrification Pathways Program will increase our grid's renewable capacity and improve its reliability and resiliency. This means a cleaner, more reliable electricity supply for Canadians. This is how we get to net zero by 2050."

In order to reach net-zero emissions by 2050, the demand for grid capacity and green technologies will grow. The Government of Canada is committed to supporting the modernization of our grid system, so we can continue to work together in the fight against climate change.



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Today's announcement is part of a \$10-million Government of Canada investment that includes \$5 million in support from Natural Resources Canada (NRCan). Funding was provided through NRCan's Energy Innovation Program, which advances clean energy technologies that will help Canada meet its climate change targets while supporting the transition to a low-carbon economy.

The Government of Canada is investing in small businesses and organizations to create good paying, sustainable jobs and support clean economic growth in southern Ontario. Adopting a decarbonized, decentralized and digitalized grid infrastructure is critical to support the country's growing demand for clean energy solutions.

"The work that will be done at the University of Toronto's Grid Modernization Centre will help to build a cleaner and more sustainable future for all Canadians. By adopting cutting-edge clean energy technologies, we are not only reducing emissions but driving innovation and economic growth across the country." -The Honourable Filomena Tassi, Minister responsible for the Federal Economic Development Agency for Southern Ontario (FedDev Ontario)

"As we work towards a greener and more prosperous future, U of T's Grid Modernization Centre will play a key role in accelerating the commercialization of innovative solutions in this field. By supporting advancements in clean energy technologies, we are not only protecting our environment but positioning Canada to be at the forefront of the clean energy revolution." -The Honourable Ya'ara Saks, Minister of Mental Health and Addictions and Member of Parliament for York Centre

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