

What are Canada's renewable power reports?

These reports include Canada's Renewable Power Landscape (2017) and Canada's Adoption of Renewable Power Sources (2017). Canada's Renewable Power reviews the current status of renewable electricity in Canada in two key ways.

What renewable resources does Canada have?

With its large landmass and diversified geography, Canada has an abundance of renewable resources that can be used to produce energy. These resources include moving water, wind, biomass, solar, geothermal, and ocean energy. Canada is a world leader in the production and use of energy from renewable resources.

What makes Canada a great energy supplier?

We're also a Tier 1 nuclear nation and a recognized leader in hydrogen and fuel-cell technologies, while wind and solar energy are the fastest-growing sources of electricity in Canada. In short, energy is part of our national DNA. We have what it takes to be a supplier of choice as global demand for clean electricity grows exponentially.

What is Canada's renewable power?

Canada's Renewable Power focuses on renewable capacity changes projected over 2018-2023. This time frame reflects projects and retirements completed, or proposed, with the most recently available capacity data from 2017.

What is Natural Resources Canada looking for in a recapitalized clean electricity program?

Natural Resources Canada is seeking views on the design of its recapitalized clean electricity programs, including the Smart Grids Program and the Smart Renewables and Electrification Pathways Program (SREPs).

How can Canada build a clean and affordable electricity system?

The Government of Canada is proposing to use all the tools at its disposal to support and collaborate with provinces and territories to build clean, affordable, and reliable electricity systems. These efforts can be grouped into four categories: convening and coordination; investment; regulation; and targeted policy. 1.

## Convening and Coordination



Canada is a world leader in the production and use of energy from renewable resources. In 2022, renewable energy sources provided 16.9 percent of Canada's total primary energy supply\*. Moving water is by far the most important form of renewable energy source in Canada, providing 61.7 percent of Canada's electricity generation in 2022.



Canada is one of the leading countries in the production and innovation of renewable energy worldwide, and there are many Canadian renewable energy companies that have made it possible. Renewable energy technologies provide about 17.3% of Canada's total primary energy supply while accounting for 67% of total electricity production(2019).



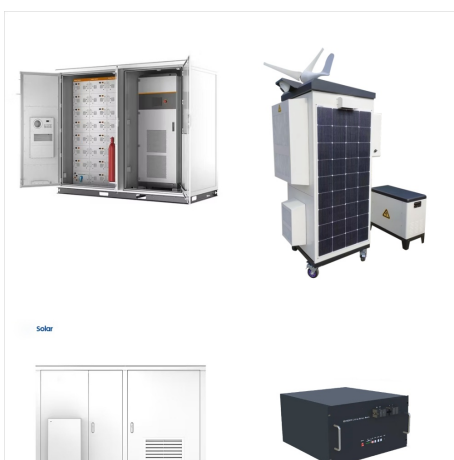
Canada is ideally positioned to lead the way. We already boast one of the cleanest electricity mixes in the world. Our grids draw more than 80 percent of their power from renewable and non-emitting sources, including the ???



3 ? Federal funding for these projects is provided by the Government of Canada's Smart Renewables and Electrification Pathways Program (SREPs). This \$4.5-billion program is ???



EDF Renewables Canada has been developing and operating clean energy projects across the country since 2008. With head offices in Montreal and Toronto, our 100+ employees across ???



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The development of clean power and low carbon fuels is critical for Canada to meet climate goals. The majority of electricity generation in Canada comes from non-greenhouse gas emitting ???



EDF Renewables Canada has been developing and operating clean energy projects across the country since 2008. With head offices in Montreal and Toronto, our 100+ employees across Canada focus on ways to build high-quality power projects by establishing long-term business relationships with people who share our mission of delivering renewable



Canada's Renewable Power reviews the current status of renewable electricity in Canada in two key ways. First, we explore recent trends in both electricity capacity and generation for each province and territory in Canada.



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increase the reliability, resiliency, and flexibility of the power system; increase the integration and use of renewable resources and non-conventional infrastructure solutions; generate economic and social benefits; and; help accommodate growing demand for clean and affordable electricity.





The development of clean power and low carbon fuels is critical for Canada to meet climate goals. The majority of electricity generation in Canada comes from non-greenhouse gas emitting sources and Canada is a world leader in hydroelectricity, nuclear power and hydrogen.



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Retrofitting power plants and building new clean sources of electricity means cleaner air and the creation of good jobs in communities across Canada. The simple fact is that we will need more clean electricity to support Canadians who are making the cost-saving switch to electric cars and heating and to support industries looking for a lower