

Energy & Environment

Winnipeg MANITOBA, CANADA

Winnipeg offers ample resources and low energy costs to keep companies competitive with incentives to help them grow greener.

Winnipeg is home to the headquarters of the International Institute for Sustainable Development. Our energy and environmental corporations have substantial capabilities: waste management systems, power generation and distribution, impact assessments, environmental testing and remediation, recycling, water and wastewater treatment.

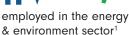




Manitoba has the capacity to generate

6,139 MW³







GDP of

\$5.9 billion

in 2018²

Why Winnipeg?



R&D hotspot

Over \$100 million invested in research and development in 2017⁴



Affordable energy

Winnipeg offers renewable energy that is among the lowest published electricity rates in North America⁵



Central location

North America's geographic centre with the continent's largest trimodal inland port⁶



Renewable energy

More than 99 per cent of electricity generated in Manitoba is from renewable sources⁷



Invest in the Winnipeg region

Recent multimilliondollar investments in energy & environment



Keeyask Generating Station⁸

- · A new hydroelectric dam will add 695 MW of capacity
- · Expected completion: August 2021 | Estimated cost: \$8.7 billion

Manitoba-Minnesota Transmission project⁹

- 500 kV transmission line from Winnipeg to U.S. border that allows back-and-forth flow of energy across borders
- · Expected completion: September 2020 | Estimated cost: \$453 million

NFI Group

- A public-private partnership between the federal and provincial governments, Manitoba Hydro, and Mitsubishi Heavy Industries to develop and demonstrate the viability of electric transit buses
- · Cost: \$10.3 million









Market access advantages

Winnipeg is perfectly positioned for your business to take advantage of the North American Free Trade Agreement (NAFTA), Canadian-European Union Comprehensive Economic and Trade Agreement (CETA), Canada-Korea Free Trade Agreement (CKFTA), and the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP). Winnipeg's location offers businesses:

- Maximized value and increased international market access
- Duty-free access to 800 million+ consumers
- One-hour drive to the busiest U.S. border crossing in Western Canada



Government support for business

Green Energy Tax Credit Up to a 15 per cent tax credit on capital costs for purchasers of renewable energy heating equipment in Manitoba.

Scientific Research & Experimental Development Credit Up to 50 per cent reimbursement on eligible commercial R&D activities thanks to a best-in-country provincial top-up credit.

and management of nearly every aspect of hazardous waste while utilizing processes that focus on safety, energy efficiency and reduction of impacts to the environment.

Pinchin Ltd. One of the largest environmental, engineering, building science, health & safety consulting firms in Canada. Pinchin Ltd. also provides training seminars and courses in all its services.

RTDS Technologies Created the first real time digital power system simulator and serves power companies in 42 countries with over 1400 units in operation.

Research and development centres

Manitoba Hydro's High Voltage Test Facility (HVTF) Manitoba Hydro International Ltd. operates the HVTF on behalf of Manitoba Hydro and provides high voltage testing services. The HVTF focuses on testing equipment including instrument transformers, power transformers, insulators and line hardware, apparatus and wall bushings, generator and motor winding insulation systems and bucket trucks for live-line work.

The Sea-Ice Environmental Research Facility (SERF) is the first experimental sea-ice facility in Canada. The research undertaken is to enhance fundamental understanding of how sea ice forms and melts on polar oceans, and to gain insight into the processes that regulate the exchange of energy and matter between the ocean and atmosphere.

International Institute for Sustainable Development (IISD) An independent think tank with a mandate to promote environmental sustainability. Headquartered in Winnipeg, IISD has international offices in Switzerland and the United States.

Endnotes:

- 1. Winnipeg CMA, Statistics Canada, 2018
- In Manitoba, Statistics Canada, 2018
- Provincial and Territorial Energy Profiles Manitoba, Canada Energy Regulator, 2019
- Invest in Canada, 2019
- Manitoba Hydro, 2019
- Annual Report, CentrePort Canada, 2016-2018.
- 7. Canada's Renewable Power Landscape, National Energy Board, 2017
- 67th Annual Report, Manitoba Hydro-Electric Board, 2018
- 9. Manitoba-Minnesota Transmission Project, Manitoba
- 10. Zero Emission Electric Transit Bus in Manitoba, Red River College, 2017



Connect with us today!

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