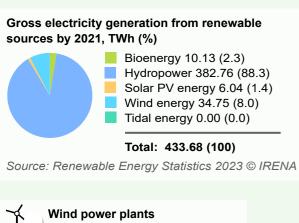
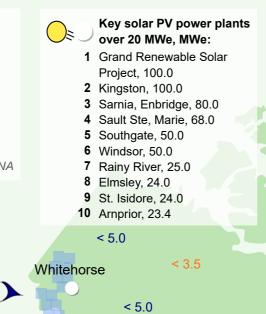
Canada • Renewable energy • Hydrogen, Wind, Solar and Tidal





- Riviere-du-Moulin, 350.0
- 2 Blackspring Ridge, 300.0
- 3 Lac Alfred, 300.0
- 4 Seigneurie de Beaupre 2-3-4, 340.0
- 5 South Kent (Chatham Wind), 270.0
- 6 Gros-Morne St.-Madeleine 1-2. 211.0
- 7 Melancthon (Amaranth), 200.0
- 8 Wolfe Island, 198.0
- **9** Prince 1-2, 189.0
- 10 Enbridge Ontario (Underwood), 181.5
- **11** Comber. 166.0
- **12** Kent Hills 1-2, 150.0
- 13 Massif du Sud. 150.0
- 14 Centennial, 150.0



Key Cryogenic Liquid Hydrogen Plants:

- Sarnia, Ontario, Air Products
- Magog, Quebec, Linde

Major hydrogen

fueling stations:

2 Burnaby, Victoria

1 Vancouver, Shell / HTEC

3 Surrey, Powertech Labs

4 Mississauga, Hydrogenics

Becancour, Quebec, HydrogenAL

0.0 kWh/m²/d Global Horizontal Irradiation GHI) Wind speed $0.0 \, \text{m/s}$

Tidal power plants over 1 MW, MW:

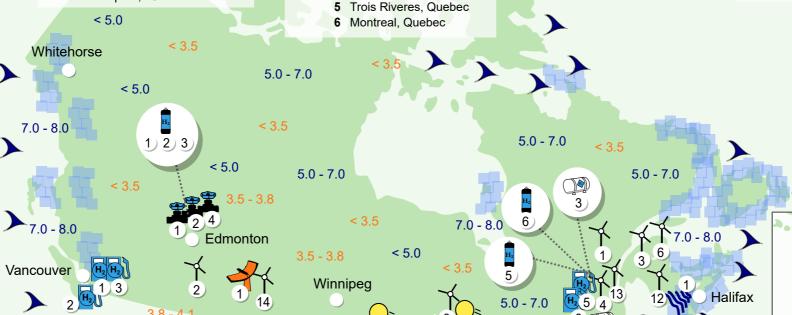
1 Annapolis, 20

High activity areas:

The most common solar GHI intensity is 3.8 - 4.1 kWh/m² per day, distributed in southern part of the provinces of Ontario, Saskatchewan and Alberta, near the borderline with the United States.

- The most common wind speed is over 8.0 m/s per year at 50 m are distributed along the country's eastern and western coastlines, and in some Canadian islands in northeastern part.
- Avg wave power potential is 30 60 kW/m per year.

Source: Energydata.info; Wikipedia



Key Compressed Hydrogen Plants:

- Edmonton, Alberta, Air Products
- 2 Fort Saskatchewan, Alberta, Air Products
- Scotford, Alberta, Air Products
- Sarnia, Ontario, Air Products
- Asbestos, Quebec, Linde
- Becancour, Quebec, HydrogenAL
- 7 Hamilton, Ontario, Air Liquide

Northern Ontario Western, Central and Eastern Ontario, Canada



Hydrogen pipelines, km:

- Edmonton, Alberta, Praxair, 60
- 2 Edmonton, Alberta, Air Products, 48
- Sarnia, Ontario, Air Products, 31
- Scotford, Alberta, Shell Canada, 9

