

ENERGY FACTS

Below are a few facts on the **diversity of energy** production, transformation, transportation, use, and trade across Canada.

NORTHWEST TERRITORIES

- **Crude oil and** natural gas production have been decreasing over the past decade
- **Approximately 75% of** electricity comes from hydro
- **Diesel is used** for power generation in remote communities

NUNAVUT

- **Electricity generated** mainly by diesel in communities not connected by roads or power lines
- **Transportation accounts** for about half of the total final energy demand
- **No natural gas** is used

QUEBEC

- **Crude oil arrives** via pipeline, rail, and tankers to two refineries
- **Hydroelectric stations** generate around 95% of Quebec's electricity
- **The lowest provincial** electricity prices in Canada

NEWFOUNDLAND & LABRADOR

- **Crude oil production** occurs offshore
- **3rd largest oil** producer, behind Alberta and Saskatchewan
- **Generates 95% of** electricity from hydro sources

YUKON

- **Lowest end-use** energy demand per person in Canada
- **Generates the majority** of its electricity from hydro sources
- **No refinery**, so all oil products are imported

BRITISH COLUMBIA

- **Produces about 30%** of Canada's natural gas
- **Many large-scale** facilities to export liquefied natural gas (LNG) on ships have been proposed
- **88% of electricity** from hydroelectric sources

ALBERTA

- **Largest producer** of crude oil and natural gas
- **Electric generation** dominated by coal and natural gas, but coal to be phased out by 2030
- **Energy demand** dominated by the industrial sector

SASKATCHEWAN

- **Produces 12%** of total Canadian crude oil (second behind Alberta)
- **Power generation** currently dominated by coal and natural gas
- **The Boundary Dam** coal plant includes carbon capture and storage technology

MANITOBA

- **15 major hydroelectric** generating stations
- **97% of electricity** generation from hydro
- **Second lowest** electricity prices in Canada

ONTARIO

- **Produces less than 1%** of Canadian oil and gas production
- **2nd largest producer** of electricity in Canada with 3 nuclear power stations
- **Around 90%** of electricity is produced from zero-carbon-emitting sources

NEW BRUNSWICK

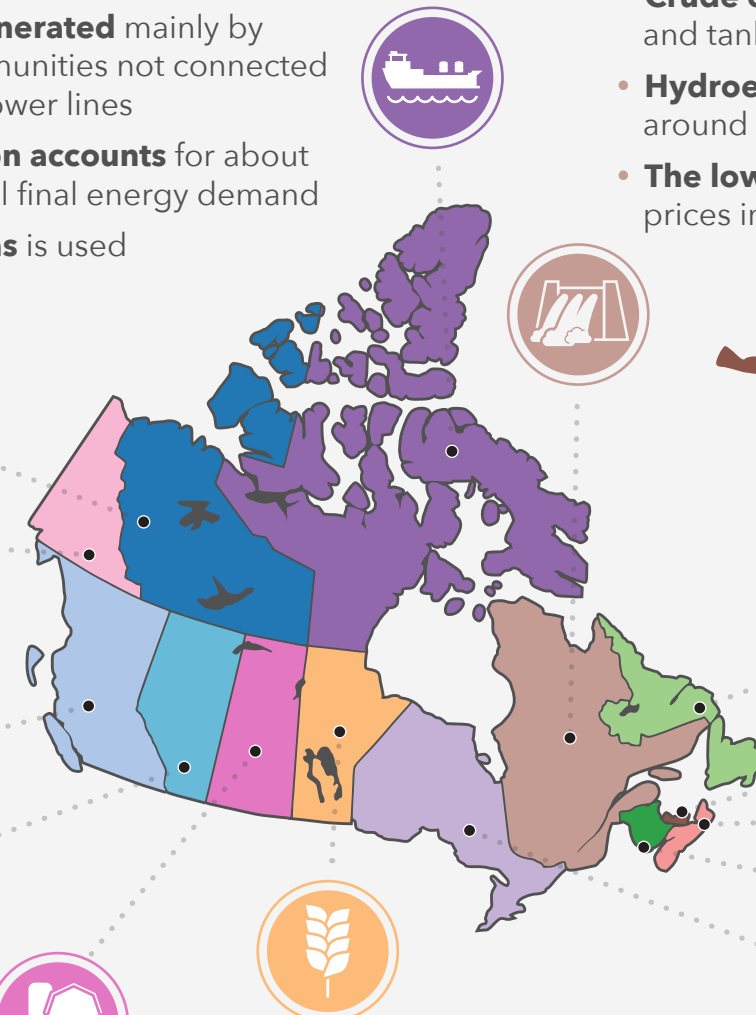
- **Home to the** largest refinery in Canada
- **The only province** outside of Ontario with nuclear power
- **Diverse power mix** also includes hydro, wind, biomass, oil, coal, and natural gas

NOVA SCOTIA

- **Natural gas produced** at offshore energy projects
- **Primary source of** electricity generation is coal
- **Home to the** only tidal power generating station in North America

PRINCE EDWARD ISLAND

- **The majority of** the electricity consumed in PEI comes from New Brunswick
- **Electricity generated** in PEI is 99% wind
- **Does not produce** crude oil, natural gas, or have a refinery



Use the **interactive online tool** to visualize provincial and territorial energy trends based on **total demand, economic sector, and electricity type**. Visit www.neb-one.gc.ca/energyfuturesdata