

ENERGY, RENEWABLES & **PETROCHEMICAL**

The region benefits from a rare combination of **natural advantages**, established **infrastructure**, and **innovation capacity**.

Our world-class energy and petrochemical advantages:

Some of best Canada's energy and industrial resources

- Proximity to a majority of Canada's crude oil and gas reserves
- 2,544 hours of sunshine and 330 sunny days per year
- DNI of 5.1 makes it ideal for solar power generation
- Consistent, high-velocity winds driven by unique geography

Low costs, high reliability, and superior support

- City-owned electric & gas utilities: competitive, stable pricing
- Municipal, provincial, and federal support available
- Alberta's lowest corporate tax rates
- Affordable housing and a high quality of life for workers

Energy evolution and manufacturing hub

- Growing industry cluster and strong anchor companies
- Highly trained and experienced local workforce
- Innovative renewable energy and sustainable technologies

Quick Facts

80%+

of Canada's oil production is located nearby

330+

days of sunshine provides ideal solar power conditions

10-30%

lower costs vs major Western Canada cities

NO. 1

in engineers per capital vs other Canadian provinces

41%

of Alberta's proposed renewable energy projects

LOW

cost petrochemical feedstocks



Southeast Alberta is a **prime location** for **petrochemical manufacturing** and **energy innovation**



A Growing Industry Cluster

With over 125 years in the industry, Medicine Hat supports a thriving petrochemical and industrial manufacturing cluster. Between our low-cost feedstocks, city-owned utilities, centralized location, and strong talent pipelines, the city capably supports some of Canada's largest methanol, nitrogen, and carbon black manufacturing complexes.



Ideal Solar Generation Conditions

With more than 330 days and approximately 2,500 hours of annual sunshine, Medicine Hat offers exceptional conditions for solar power generation. The unique climate and geography have led to the development of some of North America's largest solar farms, including the city-owned 325MW Saamis Solar Farm, which recently received full council approval.



Alberta's Energy Evolution

Our unique location and climate ensure a steady and sustainable source of wind for renewable energy development opportunities given our powerful and consistent wind resources. Southeast Alberta hosts nearly half of all proposed solar and wind projects in the province - most of which are large-scale projects.



Rapid Research and Development

In addition to solar and wind power generation, Medicine Hat supports the exploration and development of sustainable and environmentally-friendly technologies. This includes exploratory Carbon Capture studies, as well as supporting sustainable energy entrepreneurs with direct funding and the opportunity to run pilot programs within city limits.

REGIONAL ANCHOR COMPANIES



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