

GREEN & CLEAN SOLUTIONS YOU CAN TRUST

Understanding the long-term benefits of innovative, green solutions, ATCO has invested in alternative and renewable energy solutions for 30 years. Through strategic partnerships we can deliver energy that is best suited to the geography and available energy sources including renewable natural gas, solar, hydro, biomass, wind and geothermal technologies.

From planning, feasibility studies, Front End Engineering Design (FEED) to construction and maintenance, our team of in-house experts work with you to develop business cases, assess feasibility, and advance your projects through their lifecycles to help manage your energy needs.

Off-Grid Renewable

Our fully scalable renewable solutions with optional energy storage and control systems to give you the ability to operate — independent of external energy supplies — at any time of day, under any weather conditions.

Low-Power Off-Grid Solar

Some instances require just a little power (<5 KW). For applications like cathodic protection, block valves, telecom or fire towers, remote pumps or lake aeration, we offer a low-power off-grid solar option.

Renewable Natural Gas

We are leading the shift to a lower-carbon energy future by enabling our customers' energy transition to cleaner fuels such as renewable natural gas which can emit up to 85 per cent fewer GHG emissions than traditional fuels.

Hydrogen

With our natural gas resources, existing infrastructure, and energy expertise, we're leading the way in using hydrogen to affordably decarbonize the production of heat, which is vital to achieve Canada's long-term emissions and energy goals.

Energy Efficiency

Providing innovative, cleaner alternatives including combined heat & power (CHP) and micro CHP technology by utilizing natural gas to produce electricity that would otherwise be lost for overall heating and hot water needs.

District Energy

We offer our knowledge and expertise in district heating solutions through the integration of cleaner, greener options such as through biomass, geothermal, natural gas boiler systems, or other renewables to enable the operation of more efficient, resilient local energy resources.

