

RENEWABLE ENERGY IN REMOTE COMMUNITIES

We draw on more than seven decades of experience as a utility's owner & operator, extending our global expertise to clients who need integrated, sustainable and essential energy solutions including:

- Solar, cogeneration, hydro, wind and geothermal technologies
- Balance maximum renewable production with payback optimization
- Optimize total lifecycle costs while reducing their carbon footprints

We have a broad range of experience in providing services and solutions that cross many industries and global geographies, including in energy efficiency, developing and integrating renewable projects with existing diesel infrastructure, community heating, supporting the development of Independent Power Production (IPP) policy, and negotiating and executing Energy Purchase Agreements (EPA) with Indigenous communities.

From planning and design to engineering, construction and maintenance, our team of in-house experts work with you to develop business cases, assess feasibility, navigate and secure funding, and advance your projects through their lifecycles to support your community energy goals.

What we offer

- Consulting services & EPA negotiation
- Engineering, Procurement and Construction (EPC)
- Project & Construction Management
- FEED, feasibility studies, and consulting design
- Technical expertise with the integration of renewable facilities and existing energy systems

Fort Chipewyan Solar Farm, Northern Alberta

- Phase 1: 600-kW solar farm energized summer 2019
- Phase 2: Indigenous-owned 2,200-kW, utility-owned battery energy storage system and microgrid control system
- 800,000L of annual diesel savings - 25% reduction
- Reduces CO2 emissions by 2,145 tonnes each year
- Enables community ownership and self-sustaining economic development through job creation, investment in infrastructure and revenue from the sale of clean energy



Old Crow Solar Project, Yukon

- Electricity Purchase Agreement (EPA) with Vuntut Gwitchin First Nation
- Offsets 189,000 litres of diesel fuel consumption
- Reduces CO2 emissions and risk of transporting diesel
- First EPA under Yukon Government's Independent Power Production Policy
- First EPA in northern Canada where an independent power producer can meet 100% of a community's energy requirements at certain times of the year
- Enables community ownership and self-sustaining economic development through job creation and revenue from the sale of clean energy

