



RENNER CONSULTING
RENEWABLE ENERGY

- Ontario First Nations Community: research and develop an integrated biomass fired, combined heat and power (CHP) development plan for an existing remote, off grid community. The goal of this plan was to have an integrated energy plan that reviewed solar, wind, biomass, and battery storage.
- NT First Nations Community: hired as a sub-contractor to research and develop an integrated biomass fired, combined heat and power (CHP) development plan for an existing remote, off-grid community.
- Yukon First Nations Development Corporation: work with another consulting firm as the Lead Consultant and author of a Bioheat Feasibility Study. Research current and future opportunities for biomass heating in Whitehorse area and comment on biomass fuel availability, costs, and equipment requirements. Complete financial analysis of capital and operating costs and recommend various options for further consideration.
- Yukon First Nations Development Corporation: work with another consulting firm as the Lead Consultant and author of a Biomass Initiative Report. Research current and future opportunities for biomass heating and electricity in Watson Lake area. Calculate energy requirements, biomass requirements and costs, and equipment requirements. Recommend suitable Phase One projects and complete financial analysis of capital and operating costs of proposed biomass energy options.
- Indigenous Clean Energy Network Mentorship Program, Ottawa, ON: communicate with and mentor two 20/20 ICEN Catalysts from the 2019 class on their specific biomass energy projects. Assist with energy and equipment research and advise on suitable business plans and financing options for their communities in Ontario and New Brunswick.
- NT business and technology developer, Yellowknife, NT: Assist a renewable energy development team with their CHP project design, energy demands, and financial analysis. Assist with the integration of various energy sources and advise on the projected phased in approach for an off-grid NT community.
- BC First Nations Forestry Group: Research and write biomass energy report focused on creating a new business opportunity that creates an economic pathway for harvest residues, generates local employment, and minimizes the need for slash burning.
- Ontario First Nations Group: researched and assisted another consulting firm on a biomass heating Feasibility Study for a brand new, sustainable community near Thunder Bay, ON. Met with community development team three separate times and advised on technology options, capital costs, biomass fuel costs, and long-term benefits.

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