

**APPENDIX B-4**  
**PROJECT INFO SHEET**



# MACKENZIE GREEN ENERGY CENTRE



...harnessing a renewable source of energy to protect our environment...

## A made-in-BC sustainable energy solution

Pristine Power and Balanced Power Engineering are proposing an economically, environmentally and socially sustainable solution to meet BC's urgent need for new sources of electricity while using creative means to help mitigate the impact of the Pine Beetle epidemic.

The Mackenzie Green Energy Centre proposes to harness energy from woodwaste in BC's northern interior to produce enough green electricity for up to 50,000 homes per year, provide an economic source of steam to the Pope & Talbot mill through co-generation, eliminate up to six beehive burners and contribute to improved air quality.

### Economic Development for Northern BC

*The Mackenzie Green Energy Centre is an excellent northern economic development opportunity for British Columbia:*

- The project is a multi-million dollar investment that will create thirty-one permanent, high quality jobs.
- Another 200 new jobs will be created during construction of the project, over a 24 month period.
- The project will also reduce Pope & Talbot's reliance on natural gas, thereby reducing their operating costs and increasing the competitiveness of their operations.
- It will provide millions of dollars in new revenues for local businesses in northern BC communities through the supply of materials and services during the construction and operation of the plant.

FOR MORE INFORMATION:  
Mackenzie Green Energy Inc.  
403.444.6403

### Environmental Benefits and Innovation

*Using woodwaste to create green electricity, the Mackenzie Green Energy Centre will help protect our environment:*

- The project will consume approximately 1 million tonnes of woodwaste, including Pine Beetle woodwaste, per year.
- It will facilitate the closure of up to six beehive burners.
- The elimination of beehive burners will reduce the amount of smoke and particulate pollution in the region's airshed, a win for public health and the environment.
- In addition to reducing smoke and particulate emissions, the state-of-the-art Mackenzie Green Energy Centre will reduce GHG emissions and the consumption of non-renewable natural gas at the Pope & Talbot mill, thereby further contributing to GHG reductions in the surrounding airshed.
- This innovative woodwaste-to-energy project will produce 50 MW of clean, green electricity, enough to power 50,000 homes.
- Electricity generated by the project is proposed to be sold to BC Hydro under a long-term electricity purchase agreement, thereby reducing BC Hydro's reliance on imported power.

### Location Mackenzie, BC



**The Mackenzie Green Energy Centre demonstrates leadership and environmental stewardship to ensure the well being of our environment and a strong, diversified and sustainable economy in Northern BC.**