

Green Heat Initiative

Wood Pellet Association of Canada Meeting
May 11, 2011



What is Green Heat



Green Heat is the use of proven combustion technology, in a very efficient manner, to generate heat using wood chips or pellets, with minimal emissions, in very well controlled and monitored systems



Goals of GHI

- Help facilitate 18 Green Heat Systems
- Raise awareness and educate around heating with biomass
- Help develop bioenergy heating industry in Northern BC



How can GHI help?

Potential Project Evaluation

- What are your needs now and in the future?
- What resources are currently available in the community (making connections)?

Project Support

- Independent information source
- Community engagement/education
- Support Network



Types of Support

- www.greenheatinitiative.com
- Energy usage evaluations to identify potential projects
- Project Bioenergy needs
- Payback Calculators
- Carbon offset calculators
- Other technical tools as needed
- Funding sources database
- Proposal writing support/evaluation



A Renewable Biomass Energy Vision for 2025

- 70 % of all energy used by commercial and residential customers is used for space heating and domestic hot water
- Biomass is currently used for 5 % of this need
- What would happen if we increase from 5 % to 15 %????



A Renewable Biomass Energy Vision for 2025

- Target where the economics work i.e. off the natural gas grid
- Currently that 10 % costs \$360,000,000 per year
- It would require approx. 1,000,000 BDT of biomass
- **At \$120 BDT that is \$120,000,000/year spent into local economies!**



A Renewable Biomass Energy Vision for 2025

- **Savings of \$240,000,000/year that stay within your communities!**
- Create over 800 new stable forest jobs in local communities with an estimated \$30,000,000 in payroll
- 830,000 tonnes of GHG reduced
- Biomass = community economic development



Contact Information

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