

# Pine Point Energy Profile 2003 - 2004

Total cost: \$3,370,000  
Total energy: 101,000,000 Mega Joules

**Diesel - Electricity**  
\* 48% of Cost  
\* 32% of Greenhouse Gases



29% of Energy

**Diesel Generator**  
\* 68% Waste Heat  
\* 32% Electricity



Electricity

**Diesel (Heating & Vehicles)**  
\* 31% of Cost  
\* 49% of Greenhouse Gases



43% of Energy

**Gasoline (Vehicles)**  
\* 16% of Cost  
\* 19% of Greenhouse Gases



18% of Energy

**Wood**  
\* 5% of Cost  
\* 0% of Greenhouse Gases

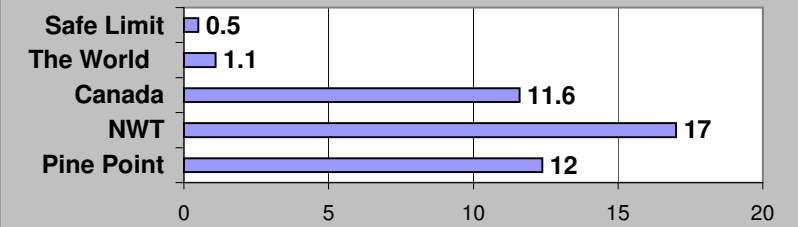


10% of Energy

Waste Heat

Greenhouse gas emissions  
6,690 Tonnes  
CO<sub>2</sub> EQ

Greenhouse gases - Tonnes CO<sub>2</sub> EQ per person



45% of Electricity

50% of Diesel

100% of Wood



Other buildings

55% of Electricity

25% of Diesel



Transport

100% of Gasoline

25% of Diesel



## Five alternative sources of energy

- 1) Solar energy can heat water and buildings, and make electricity
- 2) 'Run-of-river' hydro can make electricity without flooding the land
- 3) Wind energy can produce electricity
- 4) Wood can be a sustainable fuel if we manage the forest well
- 5) Waste heat from diesel generators can heat buildings

## ENERGY HELP

For your home. For your business. For your community.

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## Top five ways to use less energy and save money

- 1) Develop everyday habits that save energy
- 2) Buy energy-saving appliances and other products
- 3) Buy a vehicle that uses less energy
- 4) Build energy-saving new buildings
- 5) Renovate older buildings so they use less energy