

Thank you for attending the first "Cost of Energy to the Community" subcommittee meeting and participating in improving the future of Fairbanks.

DURING OUR CONVERSATION THE FOLLOWING TECHNOLOGIES AND ENERGY SOURCES WERE DISCUSSED:

- Geothermal
- Natural Gas
  - Gas Fields
  - Coal Bed Methane
- Coal
  - Direct to Electric
  - Methane- Fischer-Troupe
- Nuclear
- Wind
  - Direct to Electric
  - Hydrogen
- Hydroelectric
  - Green
  - Brown
- Biomass
  - Pellets
  - Ethanol
- Gas Hydrates
- Heat Pumps

ISSUES TO CONSIDER IN EVALUATION:

- Costs per BTU or kWh (Total delivered cost of energy)
- Environmental Effects
- Future Environmental Regulations
- Capital Costs v. Operation and Maintenance
- Timing until resource or technology is available
- Weaning ourselves off of carbon based fuel
- Uses of energy:
  - Electric generation
  - Space Heat
  - Vehicles
- Vertical Integration
- Demand
- <http://www.netl.doe.gov/technologies/oil-gas/publications/AEO/AlaskaGasNeeds-MarketStudy.pdf>
- Market
- Model to pass savings on to Community- cooperatives

NEXT MEETING: July 12th @ 7:00 a.m., Golden Valley Board Room

THINGS TO DO BEFORE THE NEXT MEETING:

Please be prepared to discuss strategies that will provide significant cost reductions for energy costs in the short term and move away from carbon-based fuels in the long term.

Thank you in advance, and I look forward to our next meeting in July 12th.

Steven Haagenon