

Fairbanks Natural Gas



Interior Alaska Energy Potentials

**Keith Hand
Vice President**



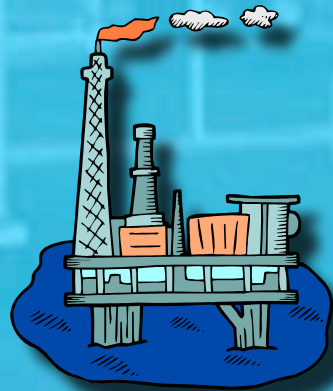
NORTHERN ECLIPSE, LLC

Who is NE/FNG?

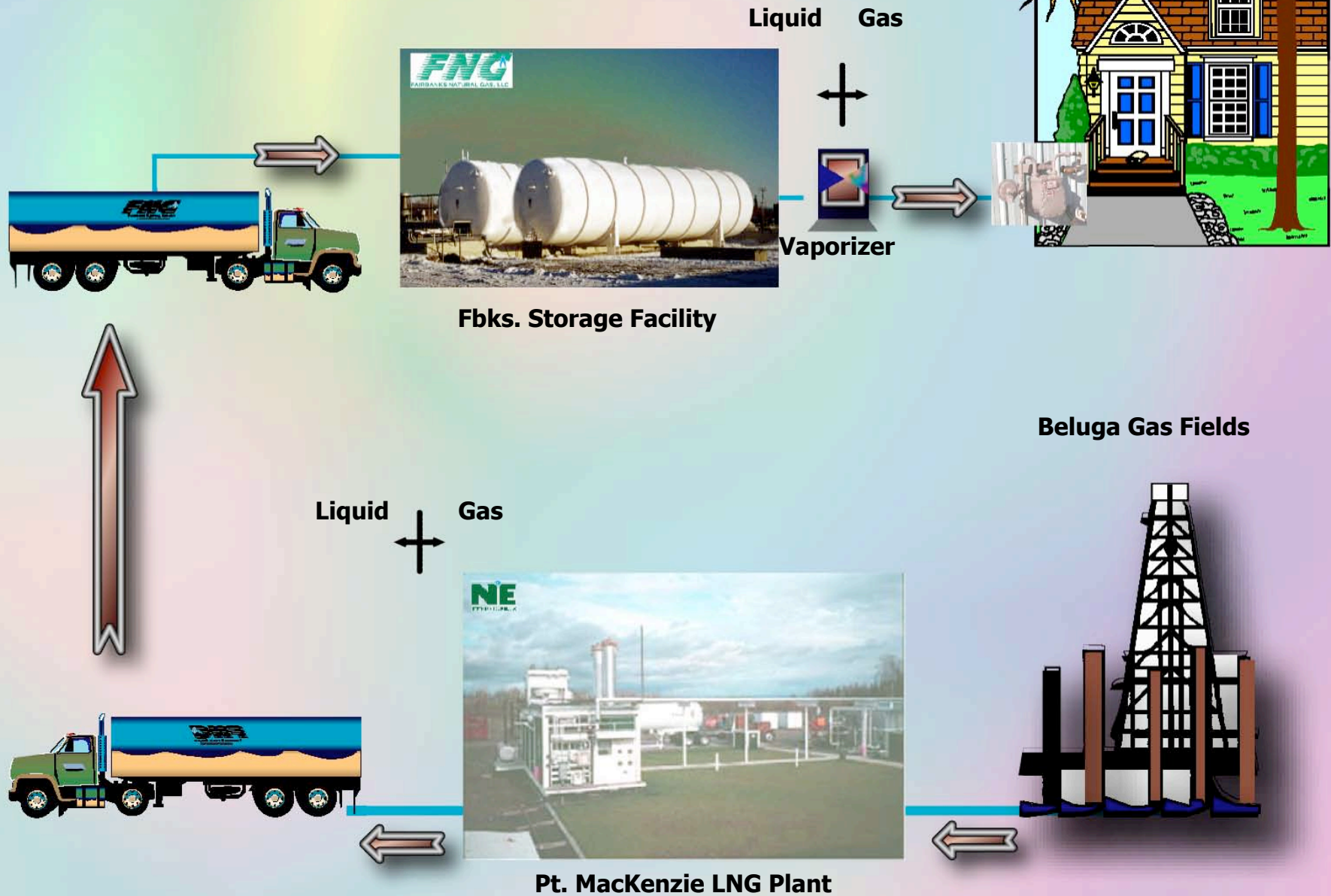
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- **Northern Eclipse is the LNG Manufacturing and Transportation Company**
 - **Fairbanks Natural Gas is the Utility that Serves the Greater Fairbanks Area**



How Does Fairbanks Presently Obtain it's Natural Gas Supply?



Fairbanks Natural Gas Production and Distribution System



LNG Production and Tanker Transportation System



NE Plant-Pt. MacKenzie



LNG Tanker #1

LNG Storage Facility In Fairbanks





Ice Fog in Downtown Fairbanks

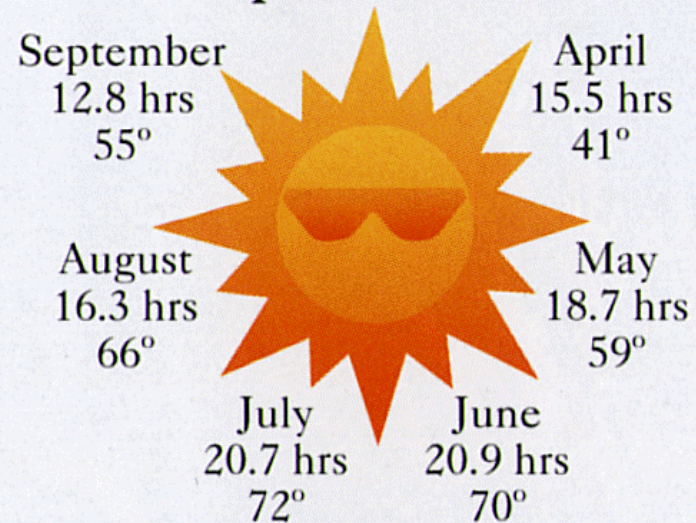
Fairbanks is a Cold Place Consumers Need Lots of Fuel

**There are 13,940
Heating Degree Days
Per Year**

Average snowfall and temperature (°F)



Average daylight hours and temperature (°F)



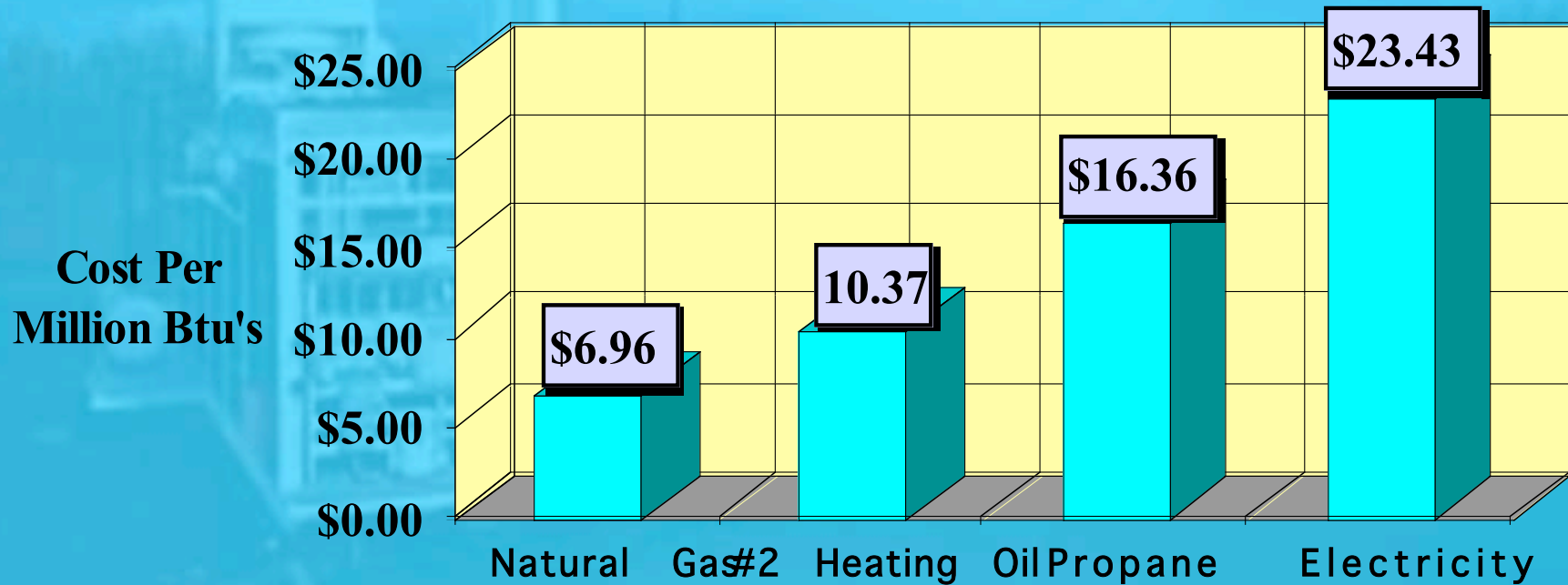
Fairbanks North Star Borough Market Potential

- **84,000 Population Base**
- **26,000 Households**
- **5,000 Commercial businesses**

Fairbanks Energy Costs

10/09/2000

Energy Prices in Interior Alaska



FNG Project Status

- **30 Miles of distribution system**
- **250 Customers**
- **Projected current annual gas sales of 300,000 Mcf**

Potential Interior Gas Demand

•Fairbanks Retail/Commercial	6.0 Bcf
•Ft. Wainright	3.0 Bcf
•Eielson AFB	3.0 Bcf
•University of Alaska	1.0 Bcf
•Aurora Energy	2.0 Bcf
•GVEA	2.5 Bcf
Total.....	15~20 Bcf

Regulatory Climate

- **FNG is a regulated utility**
- **FNG applied for the original certificate of Public Convenience and Necessity in Dec 1996-granted in Sept 1997**
- **FNG applied for service area expansion in May 1999 and granted in Sept 1999**

Other Potential Interior Alaska Gas Markets

- **Glennallen**
- **Talkeetna**
- **Nenana**
- **Tok**
- **Paxson**
- **Healy**

- **Delta Junction**
- **Ft. Greely**
- **Clear AFB**
- **Cantwell**
- **Mining Projects**
- **Denali Park**

Talkeetna Lodge



Natural Gas is the Future of Energy for Fairbanks



Presented by Fairbanks Natural Gas

