



Interior Regional Housing Authority

“A Step Towards Conservation for Interior Alaska Tribes”

Hughes, Huslia, Allakaket and Birch Creek

Tiffany Simmons

800-478-4742

828 27th Ave. Fairbanks, AK 99701



Interior Regional Housing Authority Regional Map



TCC REGION

IRHA is the Tribally Designated Housing Entity (TDHE) for 29 of the 34 tribes in the Tanana Chiefs/Doyon Region.

IRHA & Energy

- IRHA was created in 1974
- For 34 years IRHA built homes
- Over the past 5 years we have focused on critiquing the homes we build to be as energy efficient as possible
- Benefits to our home owners
- Community members were continuing to suffer from high energy costs (fixed costs).



Huslia Utility Costs (Per Month)

	Wood	Fuel Oil	Electricity	Propane	Total (Per Month)
IRHA Homes Built in 2005	\$115.00	\$225.00	\$103.00	\$ -	\$443.00
Old-IRHA Homes Built in 1998	\$172.00	\$427.50	\$103.00	\$25.00	\$727.50
Non-HUD Homes	\$230.00	\$427.50	\$262.20	\$25.00	\$944.70

Dual Generation

Having two or more generator sizes; one for smaller loads and one for larger loads.

Birch Creek:

50 kWh & 65 kWh

Hughes:

35 kWh & 75 kWh

Hughes



- ▶ Population: 78
- ▶ Land Area: 3.10 square miles
- ▶ Temperatures range from 70 above to -50
- ▶ KWH was 26.8 cents in June 07
(locally owned by city)
- ▶ Gas is \$6 per gallon
- ▶ Diesel is \$5.50

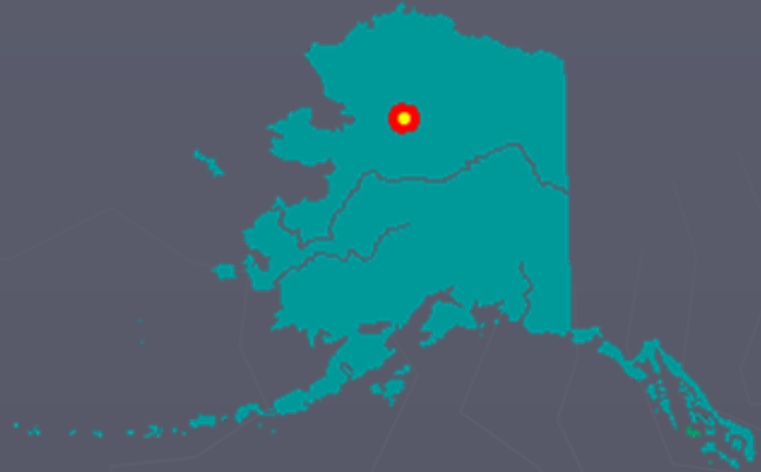
Huslia



- ▶ Population: 293
- ▶ Land Area 16.43 square miles
- ▶ Temperatures range from 70 above to -50
- ▶ KWH was 31.4 cents in June 07
(owned by AVEC and the City)
- ▶ Gas is \$5.50 per gallon

Allakaket

- ▶ Population: 97
- ▶ Land Area: 3.6 square miles
- ▶ Temperatures range from 70 above to -50
- ▶ KWH was 31.6 June 07
(provided by APC)
- ▶ Gas is \$6 per gallon



Birch Creek



- ▶ Population: 43
- ▶ Land Area: 6.1 square miles
- ▶ Temperatures range from 65 above to -60
- ▶ KWH is currently .60 cents
(owned by the village council)
- ▶ Birch Creek does not have a place to sell gas or heating fuel it is either barged in or flown in when needed.

The Plan

- Community wide assessment of:
 - Average monthly loads
 - Public Buildings
 - Homes
- Identify community energy weaknesses and strengths
- Develop future community energy goals and plans
- Explore and research alternative sources of energy
- Hire a local community member to gather and send us data
- Reducing energy through education
 - Community Workshops/presentations
 - Schools Presentations & hands on activities



Goals

- ▶ Reduce energy costs community wide
- ▶ Maximize the use of smaller boilers
- ▶ Create energy awareness community wide
- ▶ Develop a comprehensive energy plan for each community which will be presented to them by October 31, 2008

Questions?

