



# DENALI COMMISSION

Department of Energy  
Tribal Energy Program Review  
November 2011



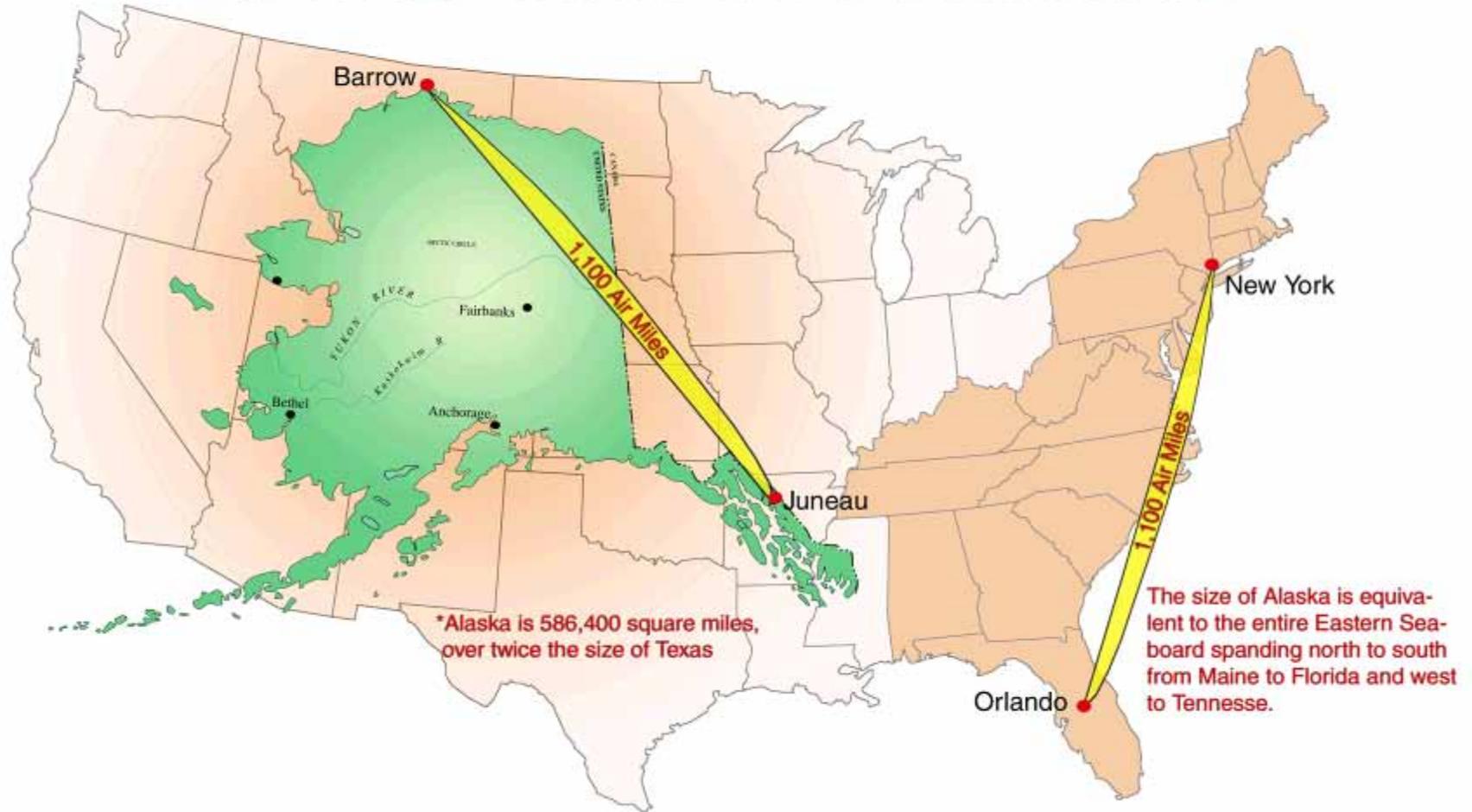


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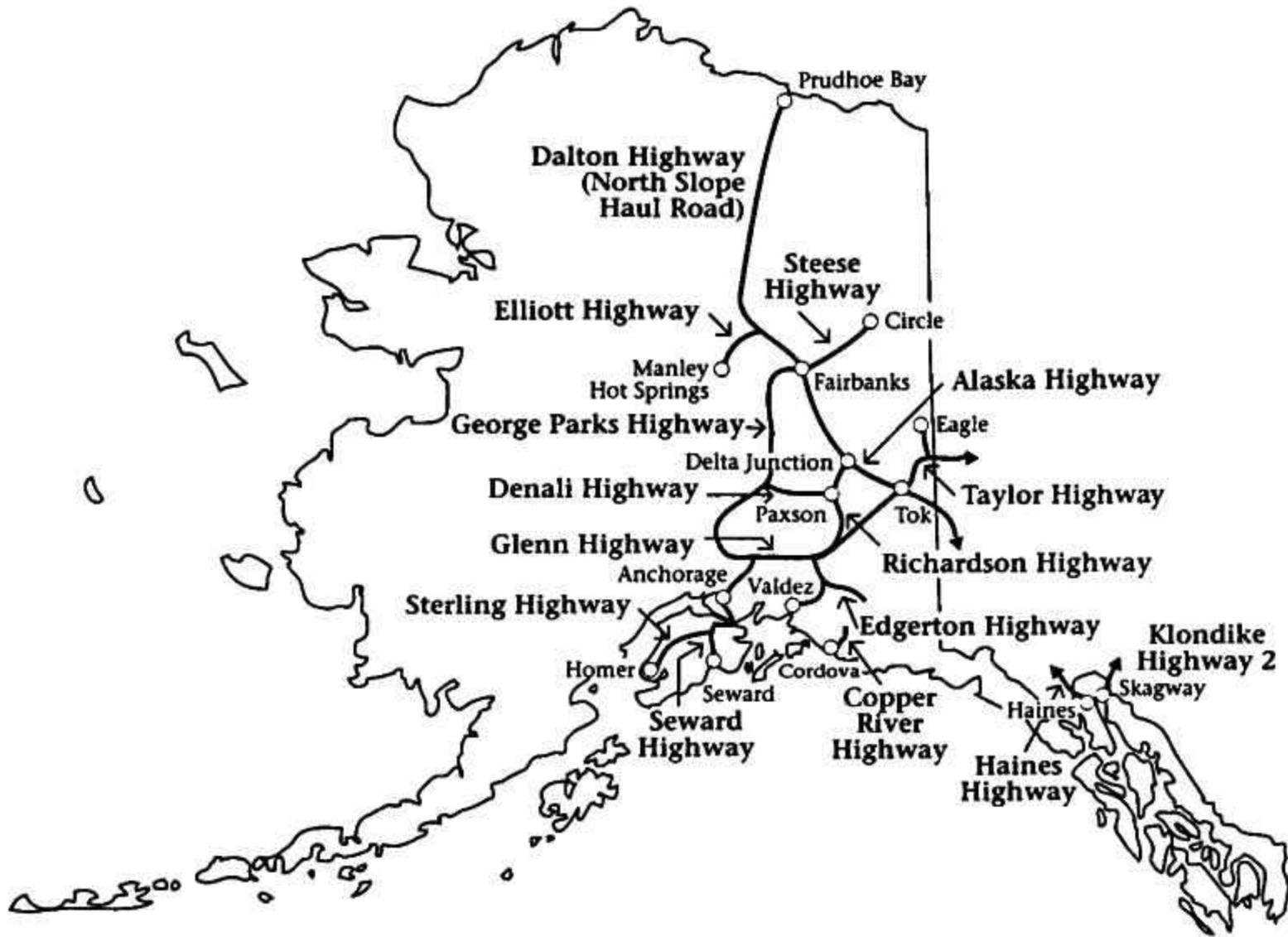


# SIZE AND DISTANCE COMPARISON



# Alaska's Tribes

- 13% of Alaska's population is Alaska Native – greatest proportion in the U.S.
- Over 200 of 562 federally recognized tribal governments Alaskan
- One reservation in Alaska – Metlakatla
- Alaska Native Claims Settlement Act (ANCSA) model developed 13 regional corporations



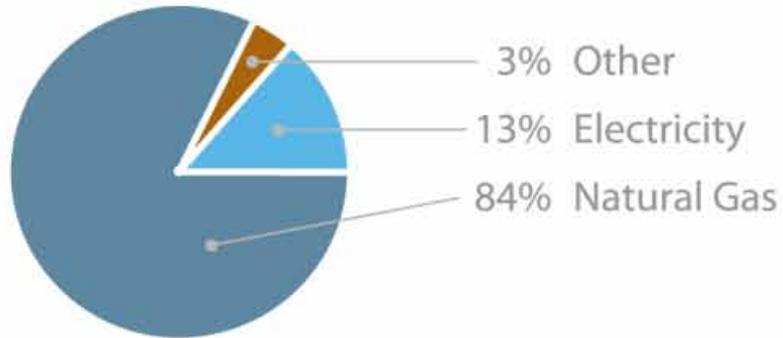




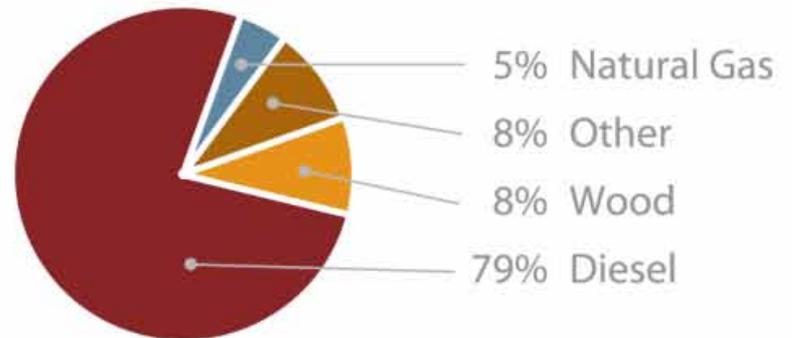
Surface transportation program



## How Alaska Households Heat Their Homes Using Various Energy Sources



Anchorage



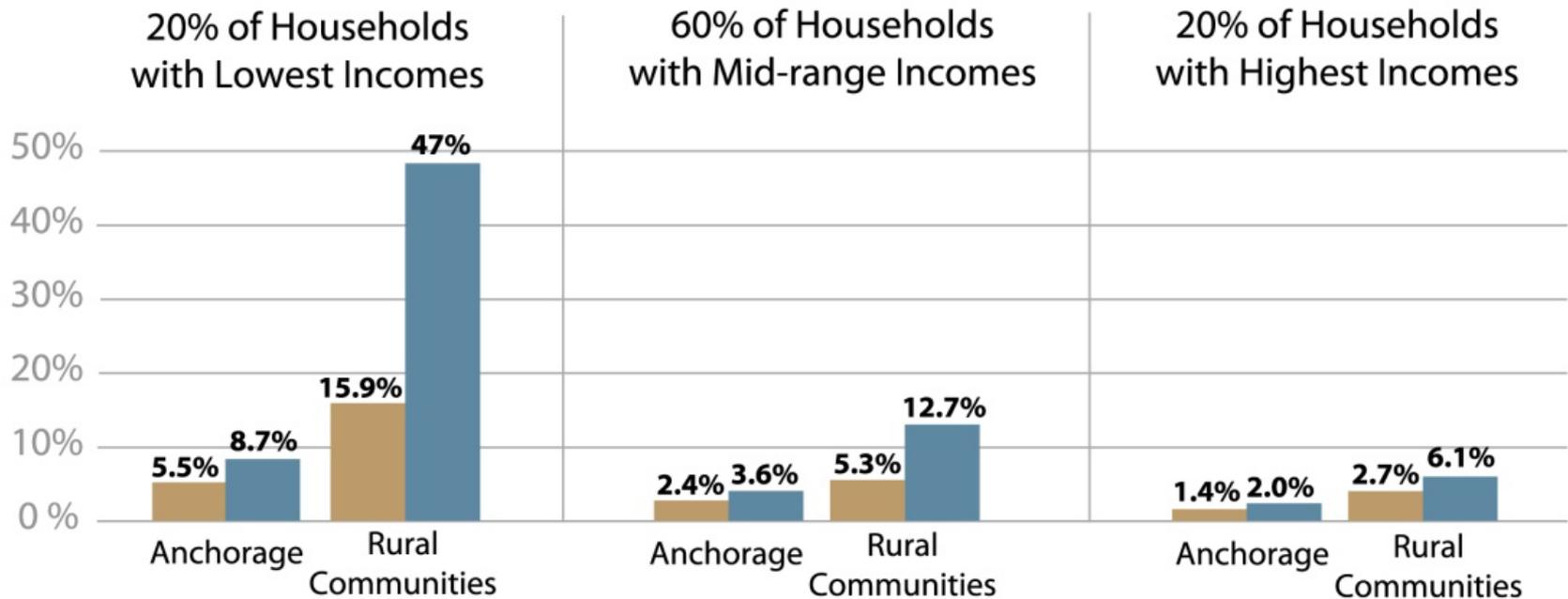
Rural Communities

Source: *Estimated Household Costs for Home Energy Use, May 2008* a report by ISEER



## Estimated Median Share of Income Alaska Households Spend for Home Energy Use

■ 2000 ■ 2008



Source: *Estimated Household Costs for Home Energy Use, May 2008* a report by ISEER



Newtok, Alaska, as shown in the New York Times



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Little Diomedede, Alaska





Little Diomedede – looking across the Bering Strait to Russia



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# Energy Program

## Types of projects funded:

- Bulk Fuel Storage
- Rural Power System Upgrades (RPSU)
- Distribution/Interties
- Energy Cost Reduction Projects
- Renewable, Alternative and Emerging Energy Technologies



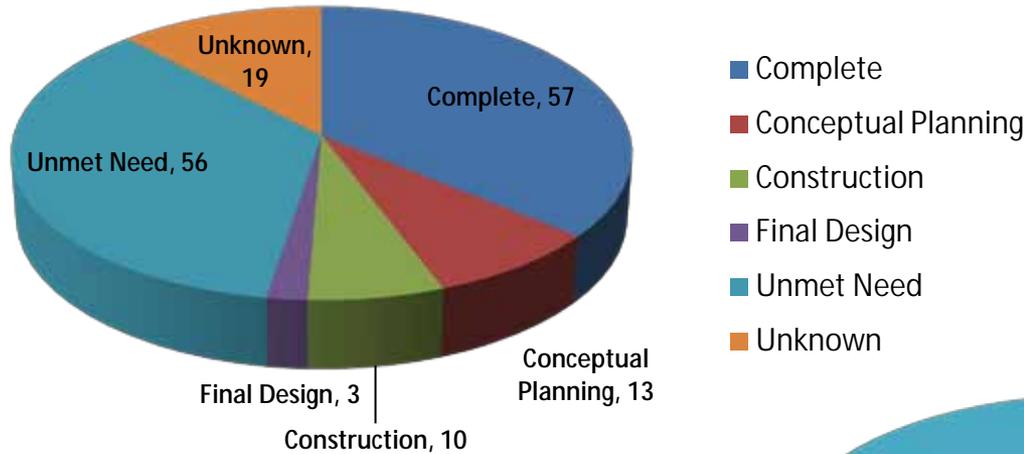
Pilot Point RPSU



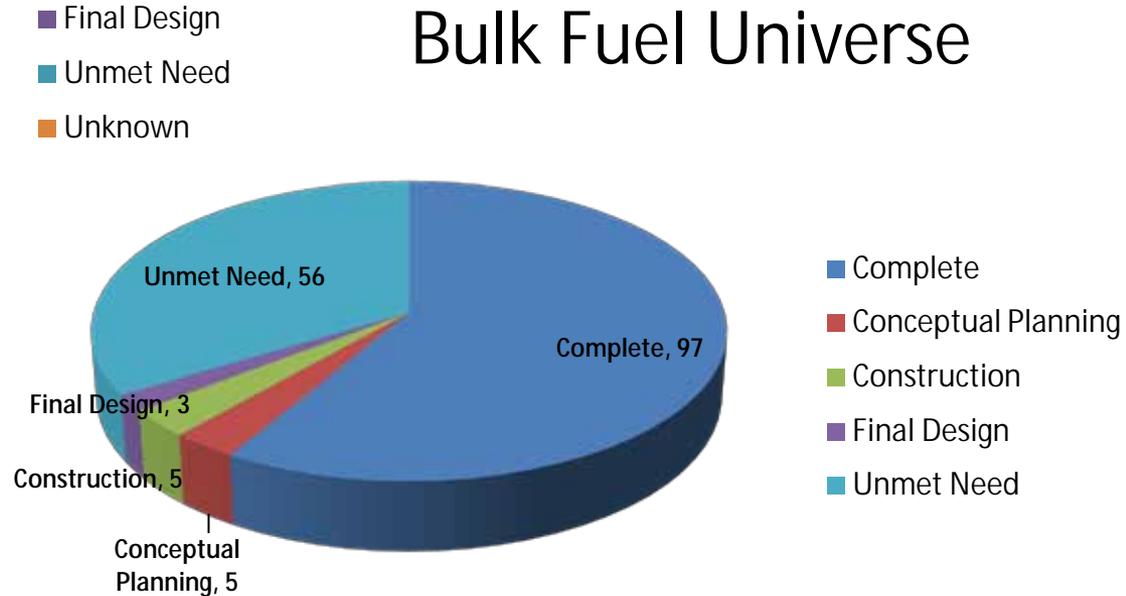
Buckland Bulk Fuel



# Universe of Need



## RPSU Universe



# Alternative and Renewable Energy

- Wind-diesel
- Hydroelectric
- Hydrokinetic
- Woody Biomass
- Heat Pump
- Heat Recovery



Toksook Bay

Eagle

## Strategic Technical Assistance Response Team

- DOE Office of Indian Energy Policy & Programs
- 3 to 5 rural communities
- Request for Interest to be sent out by end of year
- Broad energy approach (electricity, heat, food, transportation, utility mgmt, solid waste, sewer/water, education, training, community input/institutions)
- Multi-agency partnership
- Identify high priority projects and best opportunities
- Energy roadmap

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# Questions and Comments

[www.denali.gov](http://www.denali.gov)

