But
Why??
One day
2.2 panels – all day
Challenges

• Biomass
  • Capital cost
  • Lack of standardization
  • Supply concerns – Forest Products industry health
  • Immature industry
  • Misunderstood

• Hydropower
  • Large upfront investment
  • Forecast risks
  • Responsiveness
  • Transmission barriers

• Wind – poor resource
• Solar – mediocre resource, seasonal
• Geothermal – very few sites, locations, novel
Benefits

• Local Resources
• Energy security
• Local jobs
• Money stays home
• Price stability
• Greenhouse gases
• Co-benefits
  • Support local industries
  • Water supply
  • Waste utilization
• Alaska leadership
We have a great story. We need your help telling it!
Biomass Update for SE Alaska
Current Projects in SE Alaska

- Hollis School
- Whale Pass School
- Hydaburg School in Design and Engineering phase
- Thorne Bay
- Coffman Cove
- Haines Heating Project in Design
- Kake District Heating Design
- Hoonah District Heating
- Angoon THRHA Construction Pending
- KTN Airport
- Ongoing pre-feasibility studies
AWEDTG Pre-Feasibility Studies
Apply NOW!

USFS – Wood Innovations Grants
Application period begins 1 October
Alaska Wood Energy Conference 2017

• Over 100 attendees
• From Finland, Germany, Canada
• Cool topics such as Green Banks, small Cogeneration and Carbon Credits
• Biomass Hydronics technical instruction for continuing education for professional engineers (37 attendees)
• Post conference tour POW greenhouses (25 attendees)
Biomass And Greenhouses!
New Alaska handbook provides how-to on heated greenhouses
Cross Borders Collaboration

• Delegation from Alaska going to Whitehorse Conference