## **ALASKA** RENEWABLES

#### **Our motivation**

- Locally driven energy solutions
- Reducing energy costs for Alaska
- Increase energy security
- Building a sustainable economy

**ALASKA** RENEWABLES

# **Meteorological Campaign**

- Up to 4 Met Towers to collect wind data
- Each tower will consist of a 50m tower and guy wires
- Painted with FAA-compliant paint, guy guards, and marker balls
- No lighting needed
- Towers are engineered for harsh climates, such as Alaska's weather



# Henq'edishla



# **Met Tower Locations**

### Latitude/Longitude

- 61.46386N, 150.96636W
- 61.48629N, 150.93996W
- 61.51336N, 150.93520W
- 61.4433426N, 150.9927598W



# Visibility



## **Nearest Property**



The nearest property is
2.75 miles away from the northernmost tower site, and only a portion of the tower might be visible above the terrain in good viewing conditions

# **Nearest Recreation Site**

- 5.6 miles to the nearest trail (Sleeping Lady)
- 9 miles from the named lake (Trail Lake)



# **Nearest Airport**

- 18.77 miles from the Beluga Airport
- Is compliant with FAA criteria



# Summary

# **Questions?**

hello@alaskarenewables.com

# Alaska's Wind Energy Deployment Opportunity

- Adding 400 MW of Wind Capacity could displace 8 billion cubic feet of natural gas demand per year, which is 33% of Southcentral's gas usage for electricity
- Could be deployed with projects coming online yearly from 2026 to 2028
- Protects consumers from rising costs of energy and fuel scarcity

#### **Railbelt Energy Sources**



Demand (bcf)

Equivalent Gas