Karluk Wilderness Adventures, Inc.

Tribal Energy Summit
May 2\textsuperscript{nd}, 2017
Kodiak Brown Bear Center
Wind Turbines

Components from our site in Amook Pass

- Tower Base – 2200 lbs.
- Tower Base – 2200 lbs.
- Main Tower – 3400 lbs.
- Main Tower – 3400 lbs.
- 10KW Wind Generator – 3800 lbs. (In Protective Steel Shipping Frame)
- 10KW Wind Generator – 3800 lbs. (In Protective Steel Shipping Frame)
- 5 Airfoil Blades – 1100 lbs. (In Protective Aluminum Shipping Frame)
- 5 Airfoil Blades – 1100 lbs. (In Protective Aluminum Shipping Frame)
- 40KW Ametek Ferroresonant Inverter – 2200 lbs. (In Protective Wood Enclosure)
- Lithium Phosphate (LiPo4) Battery Bank – 1800 lbs. (In Protective Wood Enclosure)

Two 10KW Vertical Axis Wind Turbines
Wind Turbines
The current Booking structure needs to be review for full transparency and scheduling efficiencies.
Closer Look
West-Southwest View of KBBC on Camp Island on Karluk Lake – Two 10 kW VAWT’s
Kodiak Brown Bear Center – 10kW VAWT's Site

10 kW VAWT Sites – Will clear and level 45m x 23m (150' x 75') area. Surrounding tree height 5m-10m. Distance to power house is approximately 105' (50m). Larger area will be cleared if needed for uninterrupted Air Flow.
Instillation
Instillation
Instillation

June 2016 – Super Imposed Placement of 10KW Vertical Axis Wind Turbines
Why Do It? For the Community!
SWOT ANALYSIS

Summary

Quyanaaasinaq

Jon Deacon Panamaroff
CEO
KWA/KBBC
Phone: 720-442-3040
Email: jpanamaroff@koniag.com