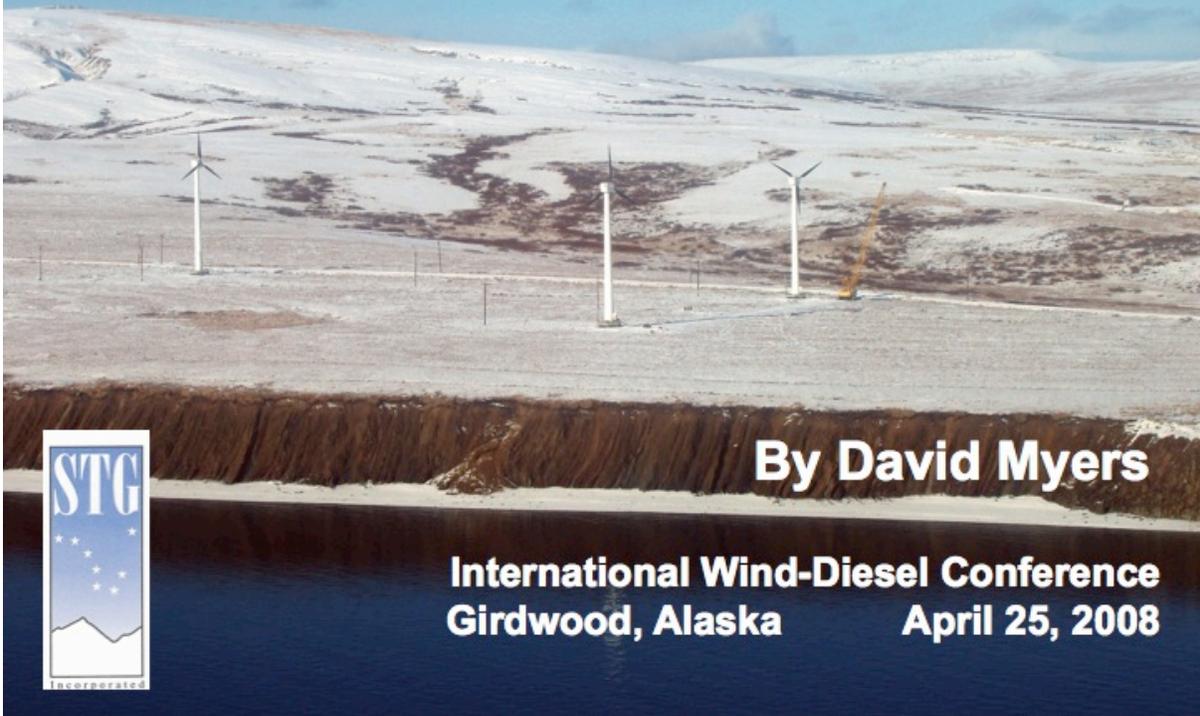


Construction Costs of Wind-Diesel Projects in Alaska



By David Myers

International Wind-Diesel Conference
Girdwood, Alaska April 25, 2008

Factors That Effect Costs

- Site Access
- Logistics
- Design
- Materials



Site Access



Logistics



Due to increased fuel costs barge carriers are charging an additional 25% Fuel Surcharge.



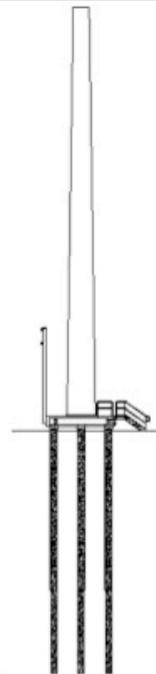
Mobilization Costs for 3-4 NW100's to a Coastal Villages = \$250,000.00 - \$300,000.00



Design

"you can design an airplane, but if it's made of lead, it will never fly."

James St. George -President, STG Inc.



TOWER &
FOUNDATION
SECTION





Materials

Toksook Bay Model:

Foundation Base - \$25,000.00

Driven Piles (40' Long) -
\$4000.00 ea x 6 = \$24,000.00

Concrete - \$1000 / CY
(Delivered) x 60 CY = \$60,000.00

Barging = \$83,000.00 ea

Total = \$192,000.00

