

# Wind Turbines Powering North Slope Drilling Pad

Deadhorse, Prudhoe Bay, AK | NPS 100C-24 | 2 x 95 kW on 95 ft towers | Northern Power Systems



Photo Credit: Northern Power Systems

Alaska Native-owned oil drilling company Doyon installed turbines at the North Slope drilling pad in Deadhorse, Alaska, at a latitude of 70.2°. Connected behind the meter at 600 VAC, the two 95 kW turbines provide supplemental power to Doyon's warehouse and offset electricity usage. Designed for freezing climates, remote installations, and microgrid applications, the turbines are rated for operation to -40°C (-40°F).

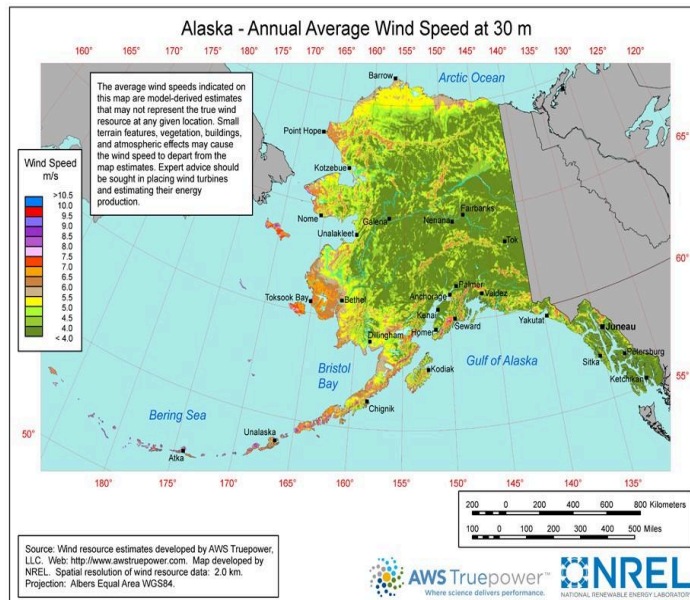
**Doyon Drilling President and General Manager Andrea Honea noted:** *"I'm proud that Doyon Drilling is part of this monumental milestone."*

## Key Findings

- Generates ~ 500 MWh annually
- Offsets electricity usage resulting in cost savings

## Impact

- Showcases energy production integration
- Demonstrates feasibility of wind energy in remote locations



Want further information? Please contact:

Lloyd Ritter, DWEA Policy Director, [lritter@greencapitol.net](mailto:lritter@greencapitol.net), 202-215-5512 [www.DistributedWind.org](http://www.DistributedWind.org)