



46km
To Iqaluit

Yellow Light



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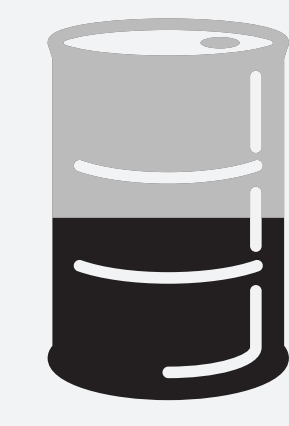
Qasitujuak Lake Wind

Key Facts

- ✔ Close to town (46km)
- ✔ High wind energy potential
- ✔ Low environmental impact
- ✔ Close to town (46km)
- ✔ Low geotech risk
- ✔ Lowest development time
- ✔ Lowest cold climate risk
- ✔ High CO2 emissions compared to hydro options (still need diesel)
- ✔ Short life span compared hydro (15 years)
- ✔ Median risk associated with reliability
- ✔ Unlikely to replace diesel

Summary

- ✔ Lowest cold climate risk
- ✔ Low geotech risk
- ✔ Lowest development time
- ✔ Highest wind energy potential
- ✔ Close to town (46km)
- ✔ Low environmental impact
- ⚠ Less than 60% of energy demand is met by renewables
- ⚠ High CO2 emissions compared to hydro options (still need diesel)
- ⚠ Short life span compared hydro (15 years)
- ⚠ Median risk associated with reliability
- ⚠ Unlikely to replace diesel



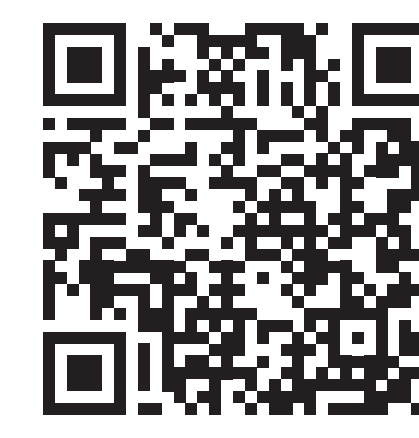
48.8%

Reduction in Diesel Consumption for Electricity Generation

The Bottom Line

This is considered a very good "wind only" site, but there are higher-ranking options. It was a reasonably short transmission line and less disruption to the landscape compared to other "wind only" sites, like Jayne's Inlet wind.

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For more information, read about this option in your handout or online.

4.8/10 Overall Rating

