



**John F. Maissan – President**

219 Falcon Drive Whitehorse Yukon Y1A 0A2

Phone: (867) 668-3535 Fax: (867) 668-3533

Email: [john@leprojects.com](mailto:john@leprojects.com) Web: [www.leprojects.com](http://www.leprojects.com)

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## **Wind Energy Assessment, Planning, and Management**

Leading Edge can help you further your wind energy planning with assistance in:

- Identifying locations with wind energy potential
- Assessing the wind energy resource, including the identification of low temperature or icing issues, if any
- Preparing a wind energy development plan
- Selecting the appropriate wind turbines for the site
- Selecting a developer / contractor or developing an in-house team

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## **Wind Energy in Cold and Icing Environments**

Leading Edge can provide the experience and expertise to help you:

- Select appropriate anemometers and wind vanes to assess wind potential in sites subject to low temperatures and icing
- Select ice detectors and other equipment to assess the frequency, duration, and severity of icing events
- Assess the impact of the icing environment on wind turbine power production
- Select the most appropriate wind turbines for an icing environment
- Select appropriate ice mitigation features for wind turbines
- Select appropriate features to minimize the effect of low temperatures on wind turbines