

## \* Acknowledgements

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## \* Qualifications

Planning, constructing and operating wind energy projects involve many stakeholders, including communities, developers and governments, all of whom have different perspectives. Our goal was to create a series of easy-to-read fact sheets that balance these perspectives and provide current, factual information, recognizing that there are many other sources of information on the costs and benefits of wind energy.

The material we present here is well researched and reviewed; it is based on data and information publicly available at the time of writing. Research, policies and technologies, as well as Nova Scotia's experience with operating wind turbines, are likely to change over time.

Many direct sources of information are provided, as well as links for further reading. We encourage municipalities and interested citizens alike to review different sources of information and form their own opinions. Managing wind energy development requires ongoing learning and regular review and updates to policy.



Amherst, Nova Scotia

## \* Further Reading and Exploration

The best practices for wind energy development are constantly evolving. Current statistics on wind energy and other electricity generation will also change over time. These Fact Sheets contain many specific references and resources to support Nova Scotia municipalities in making informed decisions about wind energy planning. The list below provides references for further reading and exploration to encourage readers to stay informed about wind energy and electricity generation in general. To provide a balanced perspective, there are links for non-governmental, governmental and industry organizations, provincial, national, and international.

### **Nova Scotian Resources:**

Ecology Action Centre – Energy Issues

🔗 [www.ecologyaction.ca/issue-area/energy-issues](http://www.ecologyaction.ca/issue-area/energy-issues)

Nova Scotia Department of Energy – Electricity and Renewables

🔗 <http://energy.novascotia.ca>

Nova Scotia Environment – Environmental Assessment and Consultation

🔗 <http://novascotia.ca/nse/ea>

Nova Scotia Power – Electricity Generation

🔗 <https://www.nspower.ca/en/home/about-us/how-we-make-electricity/default.aspx>

Nova Scotia Wind Atlas

🔗 [www.nswindatlas.ca](http://www.nswindatlas.ca)

Union of Nova Scotia Municipalities – Municipal Sustainability Office

🔗 [www.sustainability-unsm.ca/home.html](http://www.sustainability-unsm.ca/home.html)

### **Canadian and International Resources:**

Canadian Electricity Association – Power for the Future

🔗 <http://powerforthefuture.ca>

Canadian Wind Energy Association

🔗 <http://canwea.ca>

Health Canada – Wind Turbine Noise and Air Quality

🔗 <http://www.hc-sc.gc.ca/ewh-semt/index-eng.php>

International Energy Agency – World Energy Outlook

🔗 [www.worldenergyoutlook.org](http://www.worldenergyoutlook.org)

National Energy Board – Energy Information

🔗 [www.neb-one.gc.ca/nrg/index-eng.html](http://www.neb-one.gc.ca/nrg/index-eng.html)

Pembina Institute – Renewable Energy

🔗 [www.pembina.org/re](http://www.pembina.org/re)

World Health Organization – Air and Noise

🔗 [www.who.int/phe/health\\_topics/en/](http://www.who.int/phe/health_topics/en/)





# Wind Energy Fact Sheets for Nova Scotian Municipalities

Supporting municipalities in making informed decisions on wind energy

Union of Nova Scotia Municipalities ■ Municipal Sustainability Office  
Produced in Consultation with Verterra Group



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