

## FAQ .

### **Do industrial wind turbines (IWT) have an impact on individual and community health? YES!**

**Impact on human health:** Mounting evidence from around the world demonstrates, for those living too close to IWT, environmental noise, low frequency sound and infrasound can have both physiological and psychological adverse health effects. Some of these include stress, annoyance, sleep disturbance, headaches, visual disturbances, difficulty concentrating, irritability, fatigue vertigo, tinnitus, aural pain and pressure. For a summary of research including 'A Primer on IWT and Adverse Health Effects', (March, 2010) go to the following link: <http://www.windvigilance.com/about-adverse-health-effects>

See a recent study about impact of low frequency noise and infrasound:

<http://randacoustics.com/wp-content/uploads/2011/12/The-Bruce-McPherson-ILFN-Study.pdf>

**Impact on communities:** The concept of a healthy community is holistic and acknowledges that economic, environmental and social factors are important determinants of human health. Some of the qualities of a healthy community include:

- clean, safe, physical environment
- peace, equity and social justice
- protection of the natural environment
- wide participation of residents in decision making

<http://www.ohcc-ccso.ca/en/what-makes-a-healthy-community>

IWT have had negative effects on community health, even tearing communities apart. The results: decreased property values, lack of transparency in decision making, rising costs associated with electricity production, environmental degradation and health concerns. For a summary of the issues go to the following links:

<http://www.windconcernsontario.ca/p/fact-bank.html>

Ontario Federation of Agriculture position statement on IWT (January, 2012)

<http://www.ofa.on.ca/uploads/userfiles/files/ofa%20position%20statement%20on%20industrial%20wind%20turbines.pdf>

### **Doesn't wind power reduce our dependence on coal-fired power in Ontario?**

NO. Industrial-scale wind power has never replaced a fossil-fuel power plant anywhere in the world and in fact, because it is an intermittent power source, wind power requires back-up. In Ontario, wind power means more natural gas. Just look at the names of the wind power developers: Enbridge, TransAlta, Florida Power and Light, T. Boone Pickens (Mesa).

**IT'S TIME FOR BALANCE IN WHAT WE KNOW ABOUT INDUSTRIAL-SCALE WIND POWER**