

Building Permit

- Please contact the Building Department staff before embarking on your renewable energy project. Pre-consultation is highly recommended.
- A building permit is required for most renewable energy projects.
- For wind turbines and/or rooftop or wall-mounted solar renewable energy projects an engineered design may be required, stamped by a Professional Engineer.
- It takes approximately 10 days for building permit approval based upon a complete application submission.

Project	Fees
Wind Turbines - MicroFit	\$625.00
Solar renewable energy projects - Residential	\$281.25
Commercial, Industrial and/or Institutional solar renewable energy projects	\$375.00 and then an area fee applies over 232 square meters (2500 square feet)

For specific application requirements and/or fees please contact the **Building Department**: 905-833-5321 or caiettaj@king.ca

Township of King



Guide for Residents/ Business Owners Embarking on Green Renewable Energy Projects



Winter/Spring 2010

The Green Energy and Green Economy Act

Thanks to the Government of Ontario's Green Energy and Green Economy Act, you can now get paid to generate renewable energy, such as solar, wind, water and bioenergy at home or work and sell it to the electricity grid. You will be paid an attractive price for all the electricity you produce and this price will be guaranteed for at least 20 years! For more information on the Green Energy and Green Economy Act, visit www.greenenergyact.ca.



Purpose of Guide

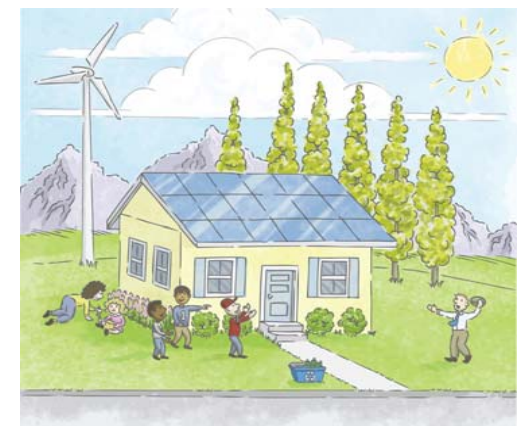
The purpose of this guide is to help residents and business owners in King take advantage of this great opportunity. It explains the processes and approvals required for residents who are considering undertaking a microFIT renewable energy project (10 kilowatts or less in size) as referred to in the Green Energy and Green Economy Act.

CONTRIBUTE TO A HEALTHIER ENVIRONMENT!



You can be part of Ontario's green energy movement!

Green energy is environmentally friendly and sustainable electricity generated from renewable sources, which reduces greenhouse gases and other pollutants and will help to replace coal-fired generation across Ontario. By taking advantage of this great opportunity, you will be contributing to a more sustainable future for King Township. For more information on sustainability visit www.king.ca.



Typical Type of Renewable Energy Project in Township of King

MicroFIT Projects

- “Micro” renewable electricity generation project, which is 10 kilowatts (kW) or less in size on your property.
- Common types of MicroFIT projects include:
 - rooftop solar photovoltaic (PV) panels
 - ground-mounted solar photovoltaic (PV) panels
 - small wind turbines
- Projects fueled by water and bio-energy also qualify.
- Under this program you will be paid a guaranteed price over a 20 year term for all the electricity you produce and deliver to the province’s electricity grid.
- The prices are designed to cover the costs of a typical project – purchase, installation, connection, operating and maintenance – to allow a reasonable rate of return on your investment.

Information for MicroFIT projects:
www.microfit.powerauthority.on.ca
 1-888-387-3403 or
microfit@powerauthority.on.ca

Municipal approval or Ontario Government approval (Renewable Energy Approval – REA)

If any of the types of projects such as solar or wind are combined and exceed the total capacity of its class, a REA will be required.

Type of Project	Scale of Project	Power Produced	Approval Authority
Solar	Class 1 ground mounted	up to 10 kW	King Township
	Class 2 ground mounted	over 10 kW	Provincial – REA and noise study
	Roof-top or wall mounted	up to 10 kW	King Township
Wind	Class 1	less than or equal to 3 kW	King Township
	Class 2	over 3 kW but less than 50 kW	Provincial - REA
	Class 3	50 kW and over	Provincial - REA
Bio-Energy			Provincial - REA
Water Energy			Provincial - REA

To contact the Renewable Energy Facilitation Office at the Ontario Government please contact them directly if a REA is required. **Renewable Energy Facilitation Office:** 1-877-440-7336 (REFO) or REFO@ontario.ca



Planning Act requirements – MicroFIT Ground-mounted Solar and/or Wind Turbines

A common question is – Do the Township of King’s Zoning By-law provisions apply to renewable energy projects?

- The provisions of the Planning Act no longer apply as zoning regulations approved by municipalities have been removed by the Green Energy Act.
- Therefore, no planning approval is required for the siting of a renewable energy project at this time; however Township staff will be developing a policy for the siting of renewable energy projects to deal with setback from property lines, aesthetics and other matters.

Oak Ridges Moraine Conservation Plan (ORMCP)

- Approximately 70% of King Township lies within the Oak Ridges Moraine. For lands within this area, the Oak Ridges Moraine Conservation Plan applies.
- The municipalities are the approval authority for proposed renewable energy projects located within the Oak Ridges Moraine Conservation Plan boundary.
- Projects are permitted within the Oak Ridges Moraine Conservation Plan area but they must comply with the setback requirements and other policies as outlined in this Plan.



Please contact a member of the Planning Department for pre-consultation with respect to your project: All we need is the address of your property!
King Township Planning Department: 905-833-5321 or planninginfo@king.ca