

Oxford County Renewable Energy Gateway

As the first municipality in Ontario to commit to 100% renewable energy, Oxford County is leading the way to a sustainable future. The *Oxford County Renewable Energy Gateway* is an opportunity for members of the community to view renewable energy and transportation technologies in Oxford up close. This tour will feature four different types of renewable energy including solar PV, biofuel, wind and electric vehicle charging.



Saturday, September 10, 2016

Guided tours on the hour: 9:00 a.m. – 7:00 p.m.

Turbine 1 location open to visits on

Friday, September 9 - 4:00-7:00 p.m. &

Sunday, September 11 - 9:00 a.m. 12:00 p.m.

Tour Stops



Tesla Super Chargers

Quality Inn Hotel & Suites, 55 Bruin Blvd. Woodstock

The Tesla Superchargers are free connectors that charge Model S and Model X in minutes instead of hours. These stations are strategically placed to minimize stops during long distance travels and are conveniently located near restaurants, shopping centres and WiFi hotspots. At the Woodstock Supercharger, guests will be able to see EVs charging and tour the City of Woodstock's Sustainable Energy Expo (SEE) Trailer. In late 2016, additional Level 2 and Level 3 charge stations will be commissioned, expanding EV charging to all EV owners.

Nature Farm PV

593806 Oxford 59, Burgessville

Nature Farms Inc. is one of Ontario's largest feed and pork companies and is the first solar project in the town of Burgessville. The 250-kilowatt project was connected to the grid in 2012. Working with Faromor, they were able to embrace solar by utilizing the Ontario Feed-in-Tariff (FIT) program.



Oxford Cattle Company

445348 Gunns Hills Rd. Woodstock

Oxford Cattle Company is a 1,700 head beef operation where animal and food industry byproduct will be processed through an anaerobic digester and turned into electricity and transportation fuels. The Oxford Cattle Company received up to \$500,000 from the Rural Economic Development Program to implement a pilot fueling hub that combines selected blends of farm-sourced biomethane with pipeline natural gas. The development of this hub is the critical first step in bringing cleaner, environmentally friendly, cost effective fuels to rural Ontario businesses.



Gunn's Hill Wind Farm

Turbine 1, 485002 Firehall Rd, Woodstock

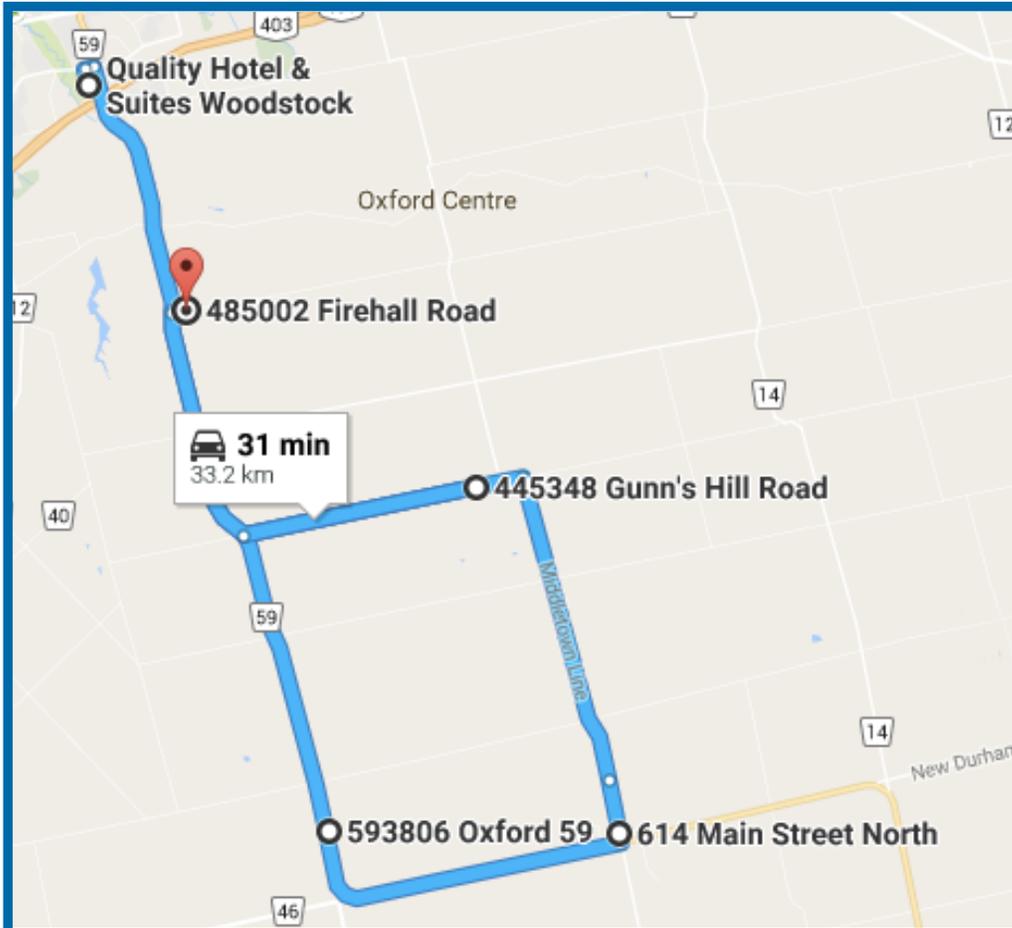
Oxford Community Energy Coop, in partnership with Prowind Canada and Six Nations, has successfully delivered on the development and operation of the Gunn's Hill Wind Farm. This project is under Ontario's FIT 1.5 feed-in-tariff program. The wind farm will see 10 wind turbines erected delivering 1.8 megawatts of capacity each. The wind farm will produce enough clean, renewable energy to meet the average annual demands of approximately 6,250 homes in Oxford County.



Tour Map

Only participants on guided tour can enter properties, except:

- Supercharger station at Quality Inn available for drop-by visits
- Turbine 1 on Firehall Road open to drop-in visits Friday through Sunday during scheduled hours



Saturday, September 10, 2016
9:00 a.m. - 7:00 p.m.

- Guided tours on the hour
- Meeting place at Quality Inn, 55 Bruin Blvd., Woodstock

1. Tesla

Quality Inn Hotel & Suites
Superchargers

2. Nature Farm

593806 Oxford 59
Solar PV

3. Oxford Cattle Company

445348 Gunns Hills Rd.
Biogas

4. Gunns Hill

Turbine 1, 485002 Firehall Rd.
Wind Farm

Total distance: 33.2 km

Total time: 30 minutes

2016 Partners

 **SmartEnergyOxford**  www.SmartEnergyOxford.ca  @SmartEnergyOx  info@smartenergyoxford.ca

Smart Energy Oxford is a community partnership of municipalities, businesses, utilities, energy advocates and local citizens committed to building a renewable energy industry in Oxford County.



FutureOxford



SENVION

