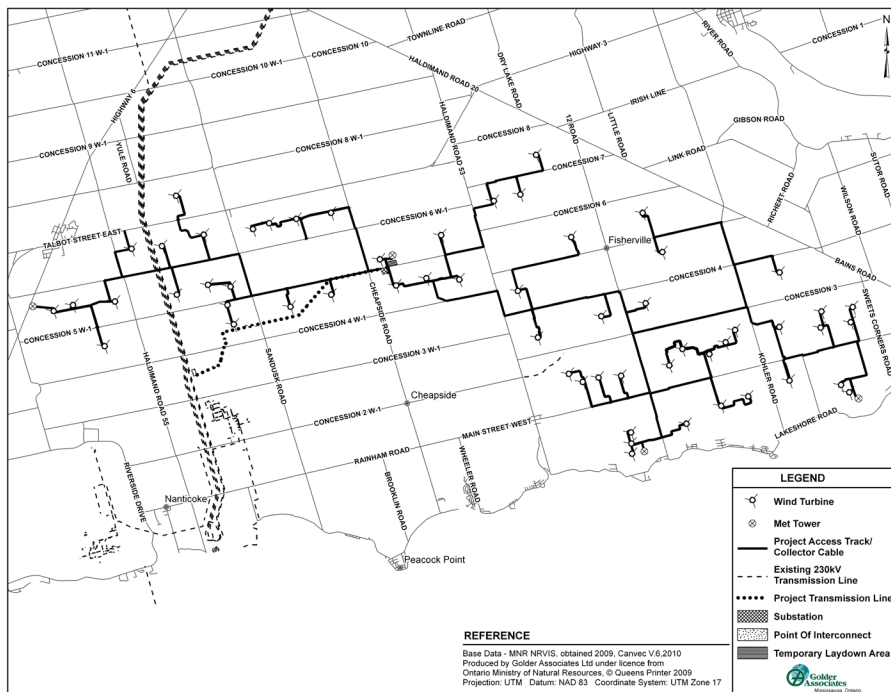


Summerhaven Wind Energy Centre

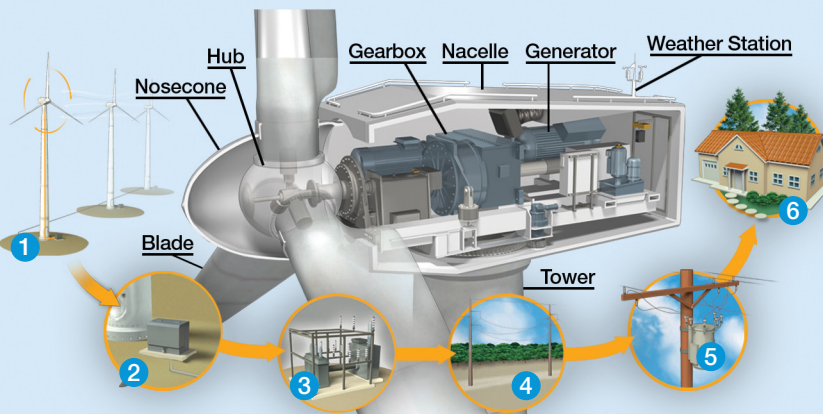


About NextEra Energy Canada

- » A leading renewable energy developer in Canada
- » A subsidiary of NextEra Energy Resources, LLC, the largest generator of wind energy in North America.
- » Focused on developing electricity derived from clean, renewable sources throughout the provinces.
- » Headquartered in Toronto, Ontario
- » Current operating wind energy centers in Alberta, Nova Scotia, Quebec and Ontario

How a wind turbine works

- 1 A computer turns the nacelle and the rotor (which consists of three blades and a hub) to face into the wind. The turbine blades turn a generator to produce electricity. For safety purposes, the turbine shuts down automatically if the wind speed exceeds 55 miles per hour.
- 2 The electricity travels down the inside of the tower through electrical cables to a transformer at the base of the wind tower.
- 3 From the transformer, the electricity flows through an underground collection cable to an on-site substation.
- 4 From the substation, overhead electrical cables take the electricity to an off-site substation and into high-voltage transmission lines.
- 5 The electricity goes from the high-voltage transmission lines into local distribution lines.
- 6 The electricity is then distributed to homes, schools, businesses and other consumers.



Overview

- » Located in Haldimand County, Ontario
- » Operated by a subsidiary of NextEra Energy Canada
- » A maximum name plate capacity of 124.4-megawatts which will be capable of generating enough electricity to power nearly 31,000 homes
- » Consisting of fifty-six (56) 2.22-megawatt Siemens wind turbines
- » Each turbine will be approximately 80 metres tall from the ground to the hub in the center of the blades
- » Commercial operation anticipated to begin in 2013
- » Once the project is operational, it will be fully monitored to ensure that it meets the Province's environmental and safety standards set for wind energy projects

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