

Appendix to Draft Site Plan – Description of Map Features

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Noise Receptor (Residence, Vacant Lot, Participating)

Noise receptors are defined in O. Reg. 359/09 as a dwelling or potential dwelling (for more details see Ontario Regulation 359/09) at which noise derived from a renewable energy generation facility is received.

A vacant lot noise receptor is defined in O. Reg. 359/09 as a location on a vacant lot at which a building would reasonably be expected to be located, where the lot is zoned to permit one or more dwellings or institutional buildings, but no building permit has yet been issued.

Participating Property

A participating property hosts a turbine or other permanent infrastructure associated with the renewable energy generation facility.

Proposed Turbine

Clean Breeze Wind Park Grafton consists of up to five 2 MW RePower MM92 turbines for a total project nameplate capacity of 10 MW. The Sound Power Level for a RePower MM92 turbine is 103.2 dB(A).

Substation Area

Includes switch gear, communication equipment, transformer and other electrical equipment. The transformer steps up the voltage generated at each turbine, to the local distribution voltage of 44 kV.

Project Electrical Line

Distribution lines (44 kV) which run overhead and/or underground and collector lines (34.5 kV) internal to the project, which run underground.

Project Road

Project roads will run from existing roads to the turbines. These roads are approximately 5 m wide.

Utility Corridor

A utility corridor is a designated piece of land (depicted as a line) for the transmission of electricity or other commodity related to the cable, pipeline, or other structure in place.

Right of Way and Easement

Rights of way or easements are typically depicted as a gap between property boundaries, and defined as an agreement between a landowner or municipality and another individual, landowner, company or municipality for the right to use a portion of land or unopened road allowance.

Oak Ridges Moraine Conservation Plan (ORMCP)

Approximately half of the project is located within the Countryside portion of the ORMCP area. The Green Energy Act exempts renewable energy projects from the restrictions of the ORMCP.