



**Legend**

<b>Project Components</b>	<b>Other Components</b>
▲ Wind Turbine (48)	● 1-Storey Receptor
■ Substation	● 2-Storeys Receptor
● Participating Receptor	● 3 Storeys Receptor
□ Project Area	● Vacant Lot Receptor
■ Investigation Area (1.5 km from noise sources)	● Other Building
	— Railway
	— Arterial / Collector
	— Local Road / Street
	— Permanent Watercourse
	— Intermittent Watercourse
	■ Runway
	■ Residential Area
	■ Park / Sports Field
	■ Campground
	■ Cemetery
	■ ANSI - Life Science
	■ Pit or Quarry
	■ Waterbody
	■ Wetland
	■ Wooded Area
	□ Lot Line
	□ Municipal Boundary
	□ County Boundary

**Predicted Sound Level**

- 45 dB(A) at 7.5 m agl
- 45 dB(A) at 4.5 m agl
- 45 dB(A) at 1.5 m agl

\*agl: Above Ground Level



**NEXTERA ENERGY**

*Bornish Wind Energy Centre*

**48 TURBINE LAYOUT WITH SIMULATED NOISE ISOCONTOURS GE 1.6-100**

**GL** Garrad Hassan

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Projection: UTM Zone 17, NAD83  
Sources: Ontario Base Mapping, Ontario Road Network, Land Information Ontario, Geobase, CanVec, Industry Canada.  
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