

Requirements and Application for Large Scale Wind Developments

Appendix E

Requirements for Large Scale Wind Turbines and/or Wind Farms

Item Guide	Description
Site Plan	<p>Provide an accurate and to scale site plan addressing the following:</p> <ol style="list-style-type: none"> proposed location of wind turbine(s) and related structure(s), as well as existing structures; proposed wind test tower sites; proposed and existing roads; adjoining property lines; utility lines; topography and contours; proposed landscaping; environmentally sensitive lands, and watercourses direction of prevailing winds; noise levels at adjoining property lines; type, size and location of any proposed security fencing; location of any proposed public safety signage; and possible future site expansion.
Impact Study	<p>Provide an impact study examining how the proposed wind turbine or wind farm will affect neighbouring properties and community, including an assessment on:</p> <ol style="list-style-type: none"> visual impact, including: <ol style="list-style-type: none"> how the turbine modifies the landscape, e.g. shadow flicker, wind patterns, lighting, ice throws; visual perspective of the local community; visibility of the development from public viewpoints; and proximity to conservation areas, as well as, provincial and municipal parks. noise impact including: <ol style="list-style-type: none"> existing background noise levels; expected noise levels associated with construction and operation of the wind development; if any, the effects increased noise levels will have on residents and wildlife near the wind development; and decibel ratings for all equipment required in the wind development.
Visual Representation	<p>Provide a visual representation including scale elevations, colour and proportion of wind turbine(s), photographs and/or digital representations showing placement and landscaping.</p>
Manufacturer's Details	<ol style="list-style-type: none"> the turbine rated output in Kilowatts; sound characteristics; type of material used in tower, blade, and/or rotor construction; suggested footing construction (engineered plans); and safety features.
Decommissioning/Reclamation	<p>Provide a plan for decommissioning and reclamation of the land.</p>
Application	<p>Complete the application for site plan approval in Appendix B.</p>

Regulation	Amendment Date	Description