

Ministry of the Environment

**PART A: TO BE COMPLETED BY THE APPLICANT BEFORE SUBMITTING TO
 MUNICIPALITY OR LOCAL AUTHORITY**
Section 1 - Project Description

1.1 - Renewable Energy Project
Project Name (<i>Project identifier to be used as a reference in correspondence</i>)
East Durham Wind Energy Centre

Project Location					
Same as Applicant Physical Address? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If no, please provide site address information below)					
Civic Address- Street information (<i>includes street number, name, type and direction</i>)					Unit Identifier (<i>i.e. apartment number</i>)
Multiple Properties					
Survey Address (<i>Not required if Street Information is provided</i>)					
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number.			Part and Reference: used to indicate location within unorganized territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan.		
Lot	Conc.	Part	Reference Plan		
Location Information (<i>includes any additional information to clarify physical location</i>)(e.g. municipality, ward/ township) The proposed East Durham Wind Energy Centre is located in the County of Grey, east of Durham and west of Priceville in southwestern Ontario.					
Geo Reference (<i>e.g. southwest corner of property</i>)					
Map Datum	Zone	Accuracy Estimate	Geo Referencing Method	UTM Easting	UTM Northing
NAD83	17		GIS	519266.3	4889235.1

Project Phasing (<i>outline construction, operation and decommissioning activities</i>)
Construction Phase: Summer 2013 Operation Phase: Fall 2013 Decommissioning Phase: Estimated at Winter/Spring 2039

1.2 - Environmental Context
Describe any negative environmental effects that may result from engaging in the project (<i>consider construction, operation and decommissioning activities.</i>)
No significant residual effects are anticipated as a result of the project. Note that potential effects, mitigation measures and residual effects will be outlined in the REA submission reports and will be submitted to the Municipality prior to the final public meeting.
Propose early avoidance/prevention/mitigation concepts and measures. A full description of mitigation measures and monitoring commitments will be provided in the various REA submission reports, in addition to the Environmental Effects Monitoring Plan.

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1.3 - Renewable Energy Generation Facility			
Type of Facility / Operation (select all that apply & complete all appropriate sections)			
<input checked="" type="checkbox"/>	Wind Facility (Land Based)	<input type="checkbox"/>	Biofuel Facility
<input type="checkbox"/>	Wind Facility (Off-Shore)	<input type="checkbox"/>	Solar Photo Voltaic Facility
<input type="checkbox"/>	Biogas Facility (Anaerobic Digesters)	<input type="checkbox"/>	Other Describe :
<input type="checkbox"/>	Biomass Facility (Thermal Treatment)	<input type="checkbox"/>	Class (if applicable) :
Name Plate Capacity	Expected Generation	Service Area	Total Area of Site (hectares)
23 MW	23 MW		20 ha
Provide a description of the facilities equipment or technology that will be used to convert the renewable energy source or any other energy source to electricity.			

The major components of the Project are as follows: Up to 14 1.6-100 GE Model Turbines (although 16 turbine locations are proposed) including two de-rated turbines; pad mounted step up transformers located at or near the base of each turbine; buried 34.5kV electrical collector system; a transformer substation to connect to the Hydro One distribution system; overhead 44kV transmission line to connect the transformer substation to the Hydro One electrical grid (if required); turbine access roads; laydown and storage areas; and 1 meteorological tower

1.4 – Renewable Energy Generation Activities
Describe the activities that will be engaged in as part of the renewable energy project The activities associated with the wind energy centre development include: detailed design, environmental permitting, construction, operation and decommissioning.

Section 2 – Supporting Documents

2.1 – Requirement	Name of Draft documents distributed for consultation	Date available to Municipal or Local Authority Contact
DRAFT Project Description Report	Draft Project Description Report	
DRAFT Design and Operations Report	Draft Design and Operations Report	
DRAFT Construction Plan Report	Draft Construction Plan Report	
DRAFT Decommissioning Plan Report	Draft Decommissioning Report	
List of other Documents	Draft Water Assessment and Water Body Report	
	Draft Wind Turbine Specification Report	
	Cultural Heritage Assessment Report	
	Stage 2 Archaeological Assessment Report	
	Natural Heritage Assessment Report	

PART B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

Section 4 - Municipal or Local Authority Contact Information (check the one that applies)

Local Municipality (include each local municipality in which project location is situated) <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of Municipality	Address	Phone	Clerk's Name	Clerk's Phone/Fax	E-Mail Address
Upper Tier Municipality (include each upper tier municipality in which project location is situated) <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of Municipality	Address	Phone	Clerk's name	Clerk's Phone/Fax	E-Mail Address
Grey County	595 9th Ave. East Owen Sound, ON N4K 5N3	519 376 2205	Sharon Vokes		
Local roads area (include each local roads area in which project location is situated) <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of local roads board	Address	Phone	Secretary-treasurer's Name	Secretary-treasurer's Phone/Fax	E-Mail Address
Board Area (include each board area in which project location is situated) <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of Local Service Board	Address	Phone	Secretary's name	Secretary's Phone/Fax	E-Mail Address

Section 5: Consultation Requirement

5.1 - Project Location
Provide comment on the project location with respect to infrastructure and servicing.
not applicable
5.2 - Project Roads
Provide comment on the proposed project's plans respecting proposed road access.
<ul style="list-style-type: none"> - Grey Road 4 is restricted access road and may therefore require a more involved permit for the entrance. Grey frequently denies access on our restricted access roads. - a servicing agreement is required.
Identify any issues and provide recommendations with respect to road access
<ul style="list-style-type: none"> - entrances will need to meet criterion of the Grey County Entrances Permit Policy - emergency vehicle access is required
Provide comment on any proposed Traffic Management Plans
<ul style="list-style-type: none"> - traffic information has been minimal and no haul route has been determined - EMS and emergency services should be notified of road closures - oversize load permits will be required
Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans
<ul style="list-style-type: none"> - The county requests haul route drawings - There may be potential intersection improvements due to truck turning

5.3 – Municipal or Local authority Service Connections

Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads.

not applicable

Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.

not applicable

5.4 – Facility Other

Identify any issues and recommendations with respect to the proposed landscaping design for the facility

not applicable

Provide comment on the proposed project plans for emergency management procedures / safety protocols.

- gray County has an Emergency Management plan in place which can respond to any emergency, however initial response and management of an emergency of this nature would fall under the jurisdiction of the local (West Grey) municipality
- there is a 911 system in place for general emergency response
- coordination with emergency services for onsite response/ rescue should be established prior to construction

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.

- see above

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location

- this will be covered in the servicing agreement

5.5 Project Construction

Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction.

- areas must be restored to pre-construction condition
- If culverts or pavement is damaged replacement is required at the proponents expense
- typically the County would request that crossings are bored and not cut

Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers

- No increase in drainage would be permitted

Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults

- we should want to comment at the time of placement, to the location of as close to edge of R.O.W. as possible, (this will be covered in the servicing agreement)

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections

- exact proposed locations have not yet been confirmed

Provide comment on the proposed project plans with respect to Building Code permits and licenses.

- not applicable

Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.

- There are no concerns with regard to natural features on the proposed sites, all proposed turbines appear to be outside of any boundary of significant woodland, and the Natural Heritage Assessment recommends mitigative measures, provided NextEra adheres to these recommendations. County Staff have no concerns with regard to Natural Heritage features

Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.

- a stage 2 Arch. Assessment was completed by Golder and Associates as well as a Cultural Heritage Assessment by Scarlett Janusa's Archaeological and Heritage Consulting and Education w regard to this project
- the findings of the Golder Report indicated that a stage 3 Archaeological Assessment is required prior to any ground disturbance. Provided any proposed works that would result in any ground disturbance are not completed until the further study is completed, County Staff are satisfied that archaeological resource and heritage resource have been adequately addressed