



Meeting Summary – East Durham Wind Energy Centre Community Liaison Committee

Attn.: CLC members, NextEra Staff & Consultants

Subject: East Durham Wind Energy Centre, Community Liaison Committee (CLC): Meeting No. 2

April 2, 2015 6:00 pm to 8:00 pm

Durham Arena & Community Centre

451 Saddler Street West

Present:

CLC Members

- Pat Greenshields, Carol Lawrence (in lieu of Bev Cutting)

NextEra Energy Canada

- Project Director, Development - Adam Rickel; Construction Project Manager - Jeff Damen; Operations technician – Jason Seelmann; Environmental Coordinator – Andrea Garcia

Borea Construction

- Mike McCaffrey

AECOM

- Mark van der Woerd; Adam Wright

Absent:

- Stan Rowbotham; James Clements; Bev Cutting

Item Discussed	Action
<p>1. Welcome and Introductions</p> <p>Mark (CLC Chair) welcomed the Committee and members of the public to the second Community Liaison Committee meeting for the East Durham Wind Energy Centre and outlined that AECOM is a hired third party facilitator for the four CLC meetings over the next two years.</p> <p>Mark noted that this meeting is a re-scheduled meeting from March 3, 2015 due to inclement weather. Meeting material has been developed in relation to the first meeting and updates have been added in where needed.</p> <p>Chair reviewed the code of conduct for the meeting and noted the meeting package for the night which includes the Slide Deck, Agenda for the meeting, comment card and an updated Charter.</p> <p>Mark then reviewed the Agenda for the meeting and outlined that the last 15 minutes is opened up to the public to ask questions and receive answers from the NextEra team.</p> <p>Chair asked Committee members and NextEra representatives to introduce themselves and outline their role / why they are on the Committee.</p> <p>CLC Members</p> <ul style="list-style-type: none"> • Pat Greenshields – participating landowner, wants to be a part of this project and Committee. • Carol Lawrence - Councilor from West Grey Municipality, representing Bev Cutting as she was unable to attend this meeting. <p>NextEra / Borea Construction Team</p> <ul style="list-style-type: none"> • Adam Rickel - Project Director, Development for the East Durham project. • Mike McCaffrey - Site Manager for Borea Construction, is the general contractor for the East Durham project. • Jeff Damen, Construction project manager • Jason Seelmann , Operations technician leader for East Durham and Conestogo Wind projects • Andrea Garcia, Environmental permitting manager 	
<p>2. Review of Meeting Agenda, CLC Meeting #1 Review (slides 3-7)</p> <p>Agenda</p> <ol style="list-style-type: none"> 1. Introductions 2. Recap of CLC Meeting # 1 <ul style="list-style-type: none"> – Purpose of the CLC 	

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| <ul style="list-style-type: none">– Overview of the Project– Public Attendance and Depositions– Minutes (Parking Lot Items) <ol style="list-style-type: none">3. Activities and Questions/Comments Raised Since the First CLC Meeting4. Update on Project Construction and Installation5. Anticipated Timing of Commissioning and Operations6. Tentative Items for Discussion at Future CLC Meetings7. Depositions, if any requests received8. Question and Answer - Members of the Public | |
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Chair then reviewed items discussed at the first CLC meeting

- Purpose of the CLC
- Project Overview
- Public Attendance and Depositions
- Minutes (Parking Lot Items)

Chair then noted that the draft meeting minutes will be provided to the CLC members for review and then will have 2 weeks to comment after which the minutes will be finalized and then posted on the NextEra website.

Chair noted that Agendas and slide decks are available at the sign in desk.

Chair then reviewed the parking lot items from the first meeting (Slide 6).

As an answer to a question in the previous meeting, Adam Rickel (NextEra) noted that the prevailing wind direction is from the south to south west. This is the direction which the majority of wind blows from.

Chair noted that an update regarding sequencing of the project will be provided in the meeting today and then invited Adam Rickel to discuss the questions that have been received since the first meeting.

What is the status of construction for the project?

Adam Rickel (AR) - NextEra will go through the construction status of this project and what we see coming later in the presentation.

Second question regarding the judicial review.

AR – This involves the Ontario Divisional Court. The case was recently settled and NextEra doesn't expect any impact on construction.

Why was the West Grey donation cancelled?

AR - This refers to the Community Vibrancy Fund Agreement, a voluntary annual donation. This is a voluntary program that NextEra may offer a local municipality or local jurisdiction that is hosting the project to benefit the community. In this situation NextEra decided that we would not pursue this any further with West Grey but instead will donate directly to the community as well as take advice on any local, potential community donations or funding opportunities on a case by case basis.

What are the agreements in place for fire or structural damage?

AR - This is a two part answer. 1) - West Grey has bylaws in place regarding fire protection and suppression and NextEra has plans to follow those laws. 2) – An emergency response plan for both fire and other emergencies will be developed. These plans have been submitted to the municipality for review and will be approved before operations begin.

How does NextEra protect themselves from damage? Will the company be insured? (Liability Insurance)

AR – Through the renewable energy approval, we (NextEra) are liable for any damages that may occur due to the project. NextEra does have a robust insurance policy for this project and all of our operating projects as well.

Is there potential to put a catch cradle underneath power lines for line crossing roadways?

AR - NextEra has a substation which collects all the power for the project via underground collection lines. However, a line will go across Grey Road 4 to the point of connection. This does not have a catch cradle but has received all associated approvals from Hydro One and is designed to similar specifications as any other similar hydro line. Hydro One will own this line crossing Grey Road 4 and will be the first responders. NextEra will support Hydro One with their needs.

How does NextEra monitor birds? What happens if there is a bird fatality during the monitoring or non-monitoring seasons?

Andrea Garcia (AG) - During the monitoring time (6-7 months of the year), NextEra has biologists monitor the turbines. Should a member of the public find any deceased birds, NextEra asks that members of the public leave the deceased birds in place as we have biologists that monitor twice a week to collect those birds. Outside of the monitoring season, we expect the occurrence of bird mortality to be quite low because it's not within the activity season. If you do find a deceased or injured animal outside of the monitoring season, we ask that you leave it in place and immediately call NextEra to ensure a proper approach is taken.

Chair then reviewed Local Labour (slide 7).

Construction Stats

- General Contractor is Borea Construction Canada
- Many Southwestern Ontario Companies used (subcontractors and suppliers) on the East Durham project.
- There have been at least \$40M in contracts signed with subcontractors and suppliers in the southwestern Ontario region from completed wind projects (not limited to East Durham).
- Peak volume of individuals on site during construction, including subcontractors, is expected to be approximately 150.
- Indirect economic benefits will not be directly measured, but local hotels, restaurants, home improvement stores, gas stations, machine shops, pubs and grocery stores have historically seen an increase in business once the project starts construction.

<p>Projected Economic Impact</p> <ul style="list-style-type: none">• Construction Jobs: 150 at peak• Full Time Operations Jobs: 2 - 3• Capital Expenditures: \$65 Million• Corporate Income Tax: \$25 Million*• Landowner Payments: \$5 Million*• *Estimated over first 20 years of the project. <p>Are these specific for East Durham project or are they for all projects? Adam Rickel - The construction stats are for this project, the \$40 million is for all other southwest Ontario projects. All numbers noted in project economic impact is for the East Durham project.</p>	
<p>3. Present project activities and status, construction and installation update and operations (slides 8-18)</p> <p>Adam R. then reviewed Project Activities and Status (slide 8).</p> <ul style="list-style-type: none">• Planning and Resource Assessments<ul style="list-style-type: none">• Surveying: Ongoing – Surveying will occur throughout development and construction to support various on-site needs and will ultimately wrap up after construction with the production of as-built surveys.• Geotechnical Studies and Sampling: Complete, however there may be more studies or sampling needed as construction continues.• Archaeological Assessments: All Archaeological assessment work is complete, though monitoring tasks and avoidance protocols will be implemented throughout construction.• Permitting and Clearances<ul style="list-style-type: none">• Awarded Feed-in-Tariff contract by the Ontario Power Authority: July 2011• Renewable Energy Approval (REA): Issued January 2014• Saugeen Valley Conservation Authority: Issued in June 2014• Building permits: Received in August – October, 2014; will be renewed as required.• MTCS sign-off on archaeological studies: Complete <p>Adam R. then reviewed Project Activities and Status (slide 9).</p> <ul style="list-style-type: none">• Detailed Design<ul style="list-style-type: none">• Road Design - Engineering design is complete• Turbine Foundations - Design completed, building permits approved• Collection - Design in final engineering stage• Substation - Design in final engineering stage; coordinating with Hydro One	

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| <ul style="list-style-type: none">• Construction - Anticipated to commence early March<ul style="list-style-type: none">• Land Clearing, Construction and Installation• Clean-up, Modifications and Road Repairs• Turbine Commissioning (testing and inspections)• Operations - Anticipated to commence Q3 2015• Decommissioning - Will occur at the end of useful life of the project (e.g. after 20 to 30 years of operations) | |
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Adam R. noted that these items will be discussed in more detail as we go through the presentation.

Adam R. then reviewed the Construction Process and Anticipated Timing.

Adam R. noted that these timelines may change as the project progresses. NextEra will provide an update at the next CLC meeting.

Once road jurisdictions are lifted NextEra will commence deliveries as the project progresses.

Adam R. then introduced Jeff Damen (NextEra) to provide an update on Construction and Installation.

Jeff Damen begins to construction update (slide 11).

Entrances and Access Roads:

- Project area to be accessed via new entrances and turbine access roads (to be constructed off of County and Municipal roadways).
- Temporary access road approximately 16 feet in width and remain the same width permanently.
- Access roads for use during construction are built using tracked bulldozers and backhoes to strip topsoil and subsoil, and the addition of compacted gravel to create an even travel surface.
- Soil management protocols will be incorporated into the process to facilitate reclamation.
- Following construction, access roads will be used for turbine maintenance activities.

The electrical substation is the second stage in the process, Jeff outlined the process for construction and installation of the Electrical Substation:

Electrical Substation

Equipment includes an isolation switch, circuit breaker, step-up power transformer, distribution switch gear, instrument transformers, grounding and metering equipment.

- Substation grounding meets the Ontario Electrical Safety Code.
- Secondary containment system was installed around the main transformer in the event of an oil leak to prevent any soil contamination.

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| <ul style="list-style-type: none">• Substation will be connected to the IESO-controlled electrical grid through a 44kV overhead distribution line, owned and operated by Hydro One. The facility will connect to the Hydro One distribution line through a 44kV distribution tie line extending from the substation. | |
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Jeff D. noted that all the cables that connect to the power lines will be underground and there will be no above ground lines. All cabling and project infrastructure is inspected by electrical safety inspectors prior to NextEra commissioning towers and energizing the projects.

Jeff D. continued to provide an update on construction and installation (slide 13).

- Excavation for the turbine base is approx. 20m x 20m x 3.5m. Excavation material will be stockpiled for backfilling.
- Constructed using concrete, formwork and rebar. Formwork and rebar are used to construct the foundation.
- Excavated area then backfilled and compressed, leaving only the tower base portion of the foundation above ground.
- During foundation installation, a transformer pad will be installed at each turbine site. Construction of each pad mounted transformer involves: excavation, soil storage, installation of a grounding grid, pad, transformer, and electrical connections.

Jeff D. then outlined the Construction process for the Turbine foundations (slide 13);

Turbine Foundations:

- Excavation for the turbine base is approx. 20m x 20m x 3.5m. Excavation material will be stockpiled for backfilling.
- Constructed using concrete, formwork and rebar. Formwork and rebar are used to construct the foundation.
- Excavated area then backfilled and compressed, leaving only the tower base portion of the foundation above ground.
- During foundation installation, a transformer pad will be installed at each turbine site. Construction of each pad mounted transformer involves: excavation, soil storage, installation of a grounding grid, pad, transformer, and electrical connections.

Chair asks the CLC if there are any questions.

How much concrete goes into each foundation?

JD - 350 to 400 cubic meters of concrete, typically normal concrete trucks holds 7 cubic meters, which is approximately a total of 55 trucks.

Jeff D. then reviewed the construction process for the underground collection system (slide 14).

Underground Collection System:

- Underground 34.5kV standard utility cable, between turbines and the Project

- substation.
- Trenching and boring are used to install underground cables. Soil management will be incorporated into this process to facilitate site reclamation.
 - Horizontal directional drilling will be utilized for certain crossings that are near a waterbody or natural feature. These alternatives help reduce negative environmental effects.
 - High-voltage warning markers were installed where underground cables cross public roads or are situated in multi-use servicing corridors

Any of these cables that are buried have to follow the electrical safety guide code which dictates the depth that these have to be buried.

Chair asked the CLC if there are any questions.

None received.

Jeff D. then discussed the process for wind turbine commissioning (slide 15).

Wind Turbine Commissioning:

- Requires Collection System, Substation, and Turbines to be installed and connected; will take place prior to the planned Commercial Operation of the Project.
- Portable generators may be used to provide backfeed power for commissioning purposes prior to being connected to the power grid.
- Commissioning will necessitate testing and inspection of electrical, mechanical, and communications operability.
- A detailed set of operating instructions must be followed in order to connect with the electrical grid; coordinating with Hydro One regarding all commissioning activities.

Jeff D. reviewed the Clean Up and Reclamation process (slide 16);

- Waste and debris generated during construction activities to be collected and disposed of at an approved facility.
- All roads and public facilities will be reclaimed to “as good or better” state than prior to construction activities.
- All equipment and vehicles will be removed from the construction area.
- Reasonable efforts made to minimize waste generated and to recycle materials, including returning packaging material to suppliers for reuse/recycling.
- During construction: Use of industry best practices for spill prevention will be utilized. In unlikely event of a minor spill, cleanup will be immediate and any impacted soils will be removed from the site and disposed of at an approved facility.
- Stripped soil will be replaced and re-contoured in the construction areas and disturbed areas will be reseeded during appropriate conditions for germination (as seasonality allows).

Before the turbine is put up, NextEra has to backfill with the same material (not time for top soil yet to avoid contamination). Once that's finished, the turbine components will arrive and will either be set aside the access road or they could come right to the turbine and the crane can lift them off the truck and put them up at the same time. The collection cable then gets trenched in beside the turbines.

The reason for the laydown yard is to ensure all the project materials are located in a central location and are easy to access.

Where are the recycling material and the waster going to be moved to after it's in the laydown yard?

JD - NextEra has large recycling bins which separate wood waste, we also have a metal bin to separate from components and shipping brackets. The materials are then taken to the appropriate facilities.

Andrea Garcia (AG) - The REA has requirements about how to handle the materials in the laydown yard and notes that all materials must be identified / labeled and then environmental construction monitors ensures this occurs on a daily basis.

Mike McCaffrey (Borea Construction) - A licensed water management company will be used.

So the waste will be taken to a facility outside of the project area?

MM – Yes, that is correct.

NextEra to provide detailed information regarding location of waste disposal site.

Note: CLC member clarified that they would like to know if the waste will be taken outside of the municipality.

NextEra confirmed that waste will be transported to an approved waste facility and that more detailed information will be provided at the next CLC meeting.

Jason Seelmann (NextEra) introduced himself and noted that there is a 20 year contract for the project and the operations and maintenance centre will be based out of Mt. Forest. This building is shared with NextEra's Conestogo Wind Energy project. This is staffed by Jason S. and 4 wind technicians.

Jason S. provided an overview of Operations (slide 17).

There is maintenance that occurs throughout the year to ensure all project components are operating in the correct manner. For example: oil changes, lubricating parts, changing out worn parts.

Jason S. then reviewed - Operations (slide 17).

- The operation phase will be approximately 20-25 years and the operations building in Mount Forest will require full time staff (i.e., site supervisor and wind technicians).
- Turbines will require scheduled maintenance (i.e., oil change, gearbox

<p>cleaning and lubrication, replacement of worn parts). Routine preventative maintenance activities will be scheduled as required, in accordance with manufacturer requirements.</p> <ul style="list-style-type: none">• Spill prevention best practices utilized during the Construction Phase will also be implemented during operational maintenance.• If unscheduled maintenance of a turbine is required (i.e. component failure), then the turbine will be taken out of service until the repair is complete. Larger trucks and cranes may be required periodically for larger repairs, but this is expected to occur infrequently.• To monitor subsystems within each turbine and the local wind conditions, a comprehensive control system is installed and networked to the local operator and to NextEra's central operations centre (staff on-site 24/7). The operations building will be notified if an event occurs outside a turbine's normal operating range, and the turbine will be shut down. Turbines can be controlled remotely from the central operations centre.• Operations decisions based on meteorological data include turbine shut down under icy or extreme weather and cut-in and cut-out wind speed. <p>During unscheduled services the turbine automatically shuts itself down and then NextEra is alerted (during the day). If this occurs in the evening or on the weekend, there is a centrally located control centre that can deal with this remotely. If the turbine needs to be visited, NextEra has two technicians on call at all times.</p> <p>If there was a communication issues with the turbine this would not affect the other turbines in operation and this turbine would automatically shut down.</p> <p>NextEra can also proactively shutdown the turbines if a severe weather system is expected.</p> <p>Jason S. then reviewed – Construction and Operations – Local Concerns (slide 18).</p> <ul style="list-style-type: none">• Turbine Fire: Fire prevention is a key element in wind turbine design with fire prevention systems and other controls. In the unlikely event that a fire should occur, the operator's instruction to plant staff and to local fire fighters is to establish a safety exclusion zone around the structure to provide protection to the plant staff, landowner and the public. The operator will work with local fire fighters on fire protection procedures and protocols and these will be communicated with the local community. This is detailed in the construction contractor's Emergency Response Plan and in the operator's Emergency Action Plan. <p>The emergency response plan has been shared with the local fire chief and aligns with the emergency response plans that NextEra has in place for other projects.</p> <p>If the local fire department wasn't able to review the plan or have a demonstration of the response plan, NextEra is happy to meet with them.</p> <p>Jason S. then reviewed the Complaint Resolution Process (slide 18).</p>	
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- The Ministry of the Environment and Climate Change has approved the process whereby East Durham Wind will address and work towards resolving any and all complaints that are received from the public. Should any complaints arise from the construction, operations, and decommissioning phases, a Project representative will contact the complainant within 24 hours to understand and seek a resolution. The project rep will notify the MOECC district office of the complaint and prep/file an initial Complaint Record.

Where is the central operation monitoring centre?

JS - This is located in NextEra's corporate headquarters in Florida.

Where are the call technicians located and how far away are they?

JS - NextEra has a responsibility to contact the site lead within 30 minutes. If the wind technicians are required to visit the turbine, the technicians are required to respond within 90 minutes.

Comment: I have seen the construction emergency plan. The contact numbers are incorrect and need to be corrected. In particular the ambulance number and the poison control number are incorrect. As a note, we have our own fire and police department as the OPP do not enter into West Grey.

NextEra to update contact numbers for the construction emergency plan

4. Additional / Future Items for Discussion (slides 19-21)

Chair reviewed tentative items for the next meeting and timelines.

Meeting #3 is scheduled to occur Summer 2015 and will discuss the following items in additions to questions that are submitted between the meetings.

CLC Meeting #3

- Construction and Post-Construction Activities (e.g., reclamation or required repairs)
- Update on Operations and Maintenance
- On-site construction and operations monitoring activities
- Mitigation Measures
- Provisions for Decommissioning
- Other

CLC Meeting #4

- Update on Operations and Maintenance
- Operations monitoring activities
- Mitigation Measures
- Other

Is there more specific information you would like to receive at the next meeting?

Nothing was noted.

<p>Chair noted that there is a meeting evaluation form if you want to submit any comments or questions and also noted the documents that are available on the NextEra webpage (slide 20).</p> <p>Chair outlined deposition process and that we make time for three depositions, which is a time where people can ask questions or present information to the Committee for their consideration (slide 21).</p> <p>Chair noted that if you want additional information please sign up on the email list and AECOM can send you the CLC project information.</p>	
<p>5. Questions from the public</p> <p>Chair opens the floor to questions from the public.</p> <p>Can you describe the emergency response plan and who is responsible to respond? Who pays for this? Is our fire department trained for these fires?</p> <p>Adam Rickel - NextEra does not ask the local fire department to respond to the turbine fires in the tower, but, as a local taxpayer, that the fire department respond and secure the perimeter of the area affected. The fire chief reviews the response plan and can ask any questions that they may have. As well, NextEra cooperates with the local fire department to identify their role in the fire response process.</p> <p>Mark asked if the council wanted to speak to any of this.</p> <p>Carol Lawrence - To the issue of taxes, NextEra does pay taxes, on the foundations only, and this is not a large amount and is limited to an assessment by the Municipal Property Assessment Corporation (MPAC) of \$40,000 per turbine. As NextEra is a tax payer they are covered by our fire department but the Municipality will not do high angle rescues because they are not trained. As a note, the fire response plan has not been approved by the chief as of yet.</p> <p>Chair noted that more information can be provided at the next meeting regarding the fire plan.</p> <p>Chair noted the amount of corporate tax revenues.</p> <p>Does NextEra pay federal tax in Canada?</p> <p>AR - NextEra's income is made in Canada and we pay federal and provincial taxes.</p> <p>Regarding timing for bringing in the concrete and turbine assembly, this is occurring during April, May and June. How does this fit in the half load season, which I understand is this season? (slide 10).</p> <p>JD - the reason NextEra started on Grey road 4 is due to the fact there is no half load season on Grey county road 4. When we move into the municipality, we have not discussed any construction activity during this time as there are half load seasons. NextEra will abide by all half load season restrictions.</p>	<p>Provide more information at the next meeting regarding the fire plan.</p>

Is it up to the public to tell the company of deaths of raptors and bats? How are we supposed to let you know if we are not supposed to approach the turbines? Also, two times a week is not enough visits.

AG - It is not the public's responsibility to search but in the case of a member coming across it, I wanted to provide advice. For the two visits a week, we conduct a 50m search radius, if there is something found outside of this we ask that landowners contact NextEra so they account for this mortality.

NextEra and NRSI to provide searching protocol as per MNRF at CLC meeting #3.

NRSI and NextEra to provide searching protocol as per MNRF at CLC #3.

Comment - With the buried cables and the turbines and low frequency noise being dispersed through the grounds over aquifers which is a good conduit for stray voltage. In Australia there was a report regarding lambs and deformities were found. I am a goat farmer which my livelihood depends on, what happens when the turbines that are proposed across from my residence and there is low frequency and stray voltage that affects my whole herd. Who is going to compensate me if I do lose my goat herd?

AR - Regarding stray voltage, NextEra has projects throughout Ontario and the concern has been widely discussed. For this project in which cables are located underground, such underground cables are buried to a depth of 1 metre or more and are cased in a polyethylene casing which reduces the transfer of this voltage to a distance of 3 to 4m. Stray voltage is generally more of a concern with respect to overhead transmission lines. The regulator (Electrical Safety Authority) also searches these cables to ensure they are compliant. Regarding water transference, it has been found in the ERT that there was minimal impact. Regarding your animals' health, this is an important issue and we ask you to keep in touch with Jason to see if there are issues we can help you address prior to the start of the project. Hydro One is committed to investigating and correcting any instance where stray voltage may occur.

Chair asks member of the public to provide report to Adam Wright.

Isn't this too late, is there is a way to be pro-active rather than reactive? This is a global issue, I am in contact with people around the world and generally it seems that having livestock near turbines is not a good idea.

Chair noted that there is a team on the ground that is willing to help on a case by case basis and the conversations can be held in advance.

JD – I grew up on a dairy farm and am familiar with these issues. Stray voltage is a pre-existing issue that Hydro works to fix. As this is a pre-existing issue, the wind turbines and associated collection lines do not cause the risk or the affect, it's either there or not. Hydro One has a process to come in and measure the stray voltage and can implement measures to reduce this impact if the landowner desires.

Comment - I hear that you are all willing to talk but there is nothing to back that talk up. I had contact with Adam before and it seems that there is a calm reaction

that wants to dissuade you from having concerns.

Chair noted that Jeff Damen will follow up with Martina to ensure her concerns are addressed.

Comment from public - Regarding livestock, we purchased our goats from a farm with a turbine across the road, there were no issues with Stray voltage or noise.

Regarding the bird and bat issue, when you monitor and pick up the debris. What if you find that there is a lot of birds and bat mortality? Is the turbine taken down?

Why isn't this done pro-actively?

AG - NextEra does abide by the Ontario Ministry of Natural Resources and Forestry (MNRF) guidelines and these guidelines have thresholds. If you exceed the threshold, you have to curtail, which means modifying the operation of the turbine. Such as increasing the cut in speed to 5.5.m per a second (wait until the wind is blowing at 5.5 m/s). Increasing the start-up of the turbine until the wind is higher has a direct correlation in reduced chance of bat mortality as bats do not generally fly in these conditions. So when there are high mortality rates, we curtail the turbine.

NextEra goes through the Renewable Energy Approval (REA) process which involves several years of studies which help determine where we site the turbines so as to avoid areas of large bird activity. At our Summerhaven Wind Energy Centre in Halton County, we are conducting a comprehensive study to understand why these mortalities are occurring so we can take these lessons learned to other projects.

Chair noted that siting process is outlined in the Project reports found on the website.

NRSI to confirm number of bird mortalities for MNRF thresholds and discuss at CLC #3.

What is the threshold for mortality?

AG - For bats it is 10 bats per a turbine per a year, for Species at Risk birds it is around 3 or 4 bird mortalities per a year. NRSI will confirm for CLC Meeting #3.

Comment - You folks in the wind business have an uphill run against Joe Public, the thing is, as a business man it boggles my mind that you can buy up property and then conduct site surveys. Why haven't you met with people when doing your siting process instead?

Early on in the planning process, we were told that not all 14 are going in. Has a decision been made which 14 turbines will be placed?

AR – Correct. NextEra permitted for 16 sites and plan to construct 14. Until NextEra goes in and digs the foundations we cannot definitely say which turbines will be placed because there are a lot factors that still need to be considered. Today, turbines 12 and 13 are the alternates for now, but that is subject to change. We have a plan to utilize alternates if necessary if we encounter an environmental issue or other obstruction.

Chair noted that members of the public can come up and take a look at the project

infrastructure map.

At the start of the project, there was a smaller map and now this has expanded further north (concession roads further). Are they planning to put more in, is the project boundary expanding?

AR - The mapping has been the same throughout the REA process and the positioning of the project area has not changed. In terms of expanding the current project, NextEra cannot develop or build another wind project without a contract to sell the power and we do not plan on getting one so no, we cannot expand this project.

Last meeting, 2 and 14 were noted as being optional, which makes sense, why did this change?

AR – NextEra has to consider impacts to the environment, local municipality, traffic, and the landowner's preference. All of these reasons contribute to why we would or would not choose to build certain turbines.

If a landowner changes their mind and wants to back out of a contract, are they able to?

AR - If that landowner has an issue they will come and speak with NextEra so we can figure out a solution.

How was this area chosen?

AR - It is a combination of transmission capacity, wind resources (amount of wind), and land use in the area all factored into the decision to choose this area. As well, NextEra needs to have participating landowners that want to host turbines.

This new siting puts me in 635 metres within the turbine, you are stating that if there is an issue, I have to wait 24 hours for it to be resolved?

JS - There are two points; if the concern is regarding a body of water, it has to be reported within 24 hours, if there is a complaint NextEra needs to address it in 48 hours (via MOECC). If I get a call I will address it immediately by mitigating remotely and then respond as soon as I can. You would not have to wait 24 hours for me to respond.

Are there any plans for future wind energy development in West Grey?

NextEra has no plans for future development within West Grey.

6. Meeting Wrap Up

Chair asks if there are any other questions.

None received.

Chair reviews the minute review process and notes that you can email Adam with any questions you may have. Please add name to mailing list.

What does “alternate” mean?

AR - It means NextEra does not plan to build these turbines unless there are setback

<p>requirements with other turbines.</p> <p>Comment – Member of the public does not believe the studies regarding property devaluation and says they are unwilling hosts.</p> <p>Chair asks if there are any other questions. None received.</p> <p>Chair adjourned meeting.</p>	
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PARKING LOT

Parking Lot Topic / Action Item	Lead
• NextEra to update contact numbers for the construction emergency plan	• To be completed by CLC #3
• NextEra to provide detailed information regarding location of waste disposal site.	• To be provided at CLC #3
• NextEra to provide more information at the next meeting regarding the fire plan	• To be provided at CLC #3
• NextEra to provide searching protocol as per MNRF	• To be provided at CLC #3
• NextEra to confirm number of bird mortalities for MNRF thresholds.	• NRSI to confirm number of bird mortalities for MNRF thresholds and discuss at CLC #3.