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Tel: 519 763 7783 Fax: 519 763 1668



Meeting Summary – Goshen Wind Energy Centre: Community Liaison Committee

Attn.: CLC members, NextEra Staff

Subject: Goshen Wind Energy Centre, Community Liaison Committee (CLC): Meeting No.4

March 10, 2016 6:00pm – 8:00pm

South Huron Recreation Centre
94 Victoria Street East
Exeter, Ontario

Present:

CLC Members

- Cathy Seip; Chuck Ford; Stephen Boles; James E. Dietrich; Pat O'Rourke; Arnold Kester; Stephen Finkbeiner; Bill Dowson

NextEra Energy Canada

- Amanda Gittens, Business Management; Michael Blackmore, Wind Site Operations Manager; Derek Dudek, Senior PGD Technical Services Specialist; Julie Rice, Business Management; Heidi Lamarche, Construction

NRSI

- Christy Humphrey

AECOM

- Adam Wright (CLC Chair); Tiffany Lobb

Absent:

- Hubert Haccius, Aaron Neeb, Gary Eagleson, Frank Palen, Allan P. Barnes



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Item Discussed	Action
<p>1. Welcome and Introductions</p> <p>Adam Wright welcomed the CLC members and members of the public to the 4th Community Liaison Committee (CLC) meeting for the Goshen Wind Energy Centre (WEC).</p> <p>Adam informed the CLC members and members of the public that a microphone was available for use if needed by anyone. Adam then introduced himself as the CLC Chair and Tiffany Lobb as the CLC Meeting Minutes recorder for the evening. The Chair also reminded committee members that they are encouraged to fill out the comment cards on the table and submit them at the end of the meeting.</p> <p>The Chair then invited CLC members and NextEra representatives to introduce themselves and outline their role.</p> <p>CLC Members</p> <ul style="list-style-type: none"> • Cathy Seip – Participating Landowner • Chuck Ford – Participating Landowner • Stephen Boles – South Huron Chamber of Commerce Representative • James E. Dietrich – Local Resident • Pat O’Rourke –Local Resident • Arnold Kester – Participating Landowner • Stephen Finkbeiner – Participating Landowner • Bill Dowson – Local Resident <p>NextEra</p> <ul style="list-style-type: none"> • Derek Dudek – Senior Technical Specialist • Peter Miller – Wind Site Operations Manager • Michael Blackmore – Wind Site Operations Manager • Amanda Gittens – Business Management • Julie Rice – Business Management <p>NRSI</p> <ul style="list-style-type: none"> • Christy Humphrey – Terrestrial and Wetland Biologist <p>Borea Construction</p> <ul style="list-style-type: none"> • Heidi Lamarche <p>The Chair then reviewed the Agenda for the CLC meeting (slide 3).</p> <p>Agenda</p> <ul style="list-style-type: none"> • Introductions 	

Item Discussed	Action
<ul style="list-style-type: none"> • Recap of CLC Meeting #3 • Project Overview • Update on Post-Construction Activities • Operations and Maintenance - Operations Team • Discussion of Monitoring and Mitigation Measures • Public Attendance and Depositions • Meeting Summary • Parking Lot Items and Questions / Comments Raised Since the Third CLC Meeting • Update on Construction and Remediation Efforts • Update from the Operations Team • Depositions – none received • Public Question and Answer 	
<p>2. Recap of the CLC Meeting #3</p> <p>The chair then provided a brief recap of the 3rd CLC meeting (slide 4).</p> <p>Purpose of the CLC:</p> <ul style="list-style-type: none"> • A forum for two-way communication between NextEra Energy Canada and the public • An opportunity to provide additional information and updates, and to respond to questions or concerns related to: <ul style="list-style-type: none"> – Construction and installation – Use and operation – Maintenance – Retirement of the Facility <p>Project Overview:</p> <ul style="list-style-type: none"> • Class 4 Wind Facility, in the Municipalities of Bluewater and South Huron in Huron County • 63 turbines, with 80 metre towers and 50.5 metre blades • A generating capacity of 102 MWs • Status of studies and approvals • Outline of construction process <p>Public Attendance and Depositions:</p> <ul style="list-style-type: none"> • No local residents in attendance. <p>Meeting Summary for our 3rd CLC Meeting: (slide 5)</p> <ul style="list-style-type: none"> • Draft minutes were prepared by AECOM and circulated to the CLC on Dec. 10, 2015 • Members were asked to advise AECOM of any errors, omissions or changes by Dec. 23, 2015 	



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<ul style="list-style-type: none"> All recommended comments/changes were incorporated and the minutes were posted on NextEra’s publically accessible website the week of Jan. 11, 2016 CLC members were also emailed the final minutes on Jan. 8, 2016 <p>Chair noted that the minutes will be received by the CLC members roughly within two weeks of the meeting and they will have two weeks to comment on them. After that time, they will be updated with any comments received and posted on the Project website. The chair asked CLC members if this two week timeframe was suitable.</p> <p>All CLC members agreed that two weeks was suitable.</p>	
<p>3. Parking Lot Items and Questions / Comments Raised Since the Third CLC Meeting</p> <p>The Chair then outlined the outstanding Parking Lot items from CLC meeting #3 and asked Derek Dudek, NextEra (DD) to speak about Parking Lot Topic #1 (slide 6).</p> <p><i>Parking Lot Topic #1 - Provide update on turbine red flashing light issue.</i></p> <p><i>Response / Action</i></p> <p>There were some questions at the last CLC meeting regarding the red flashing lights on the turbines. Transport Canada requires all large towers to contain 20-40 red flashing lights per minute. Transport Canada also requires towers to have a minimum of 2000 candelas, which is a lighting intensity measurement. NextEra did research regarding turbine navigation lighting and had discussion with our American counterparts about turbine shields. The Federal Aviation Administration (FAA) has actually banned the use of shields in certain parts of the U.S. because of problems associated with safety concerns. NextEra also spoke with Transport Canada regarding some of the other systems available to minimize the light impact on local residents such as light dimming technology. There are some sytems that have not been approved yet in Canada but it is something that Transport Canada is currently looking at. Safety is our top priority so there are some items that we are committed to studying but may not available for use on the turbines yet.</p> <p>You mentioned that there are some technologies that work and are operating in Canada, why can’t we use them for the Goshen WEC?</p> <p>DD – From a safety perspective, it is not something that we are comfortable using at this time.</p> <p>AG – As the technology is relatively new NextEra would rather wait until the technology is 100% safe to use. It is a risk NextEra is not willing to take.</p> <p>Once NextEra leaves town, nothing is going to be done about the lighting problems. In three years’ time, who is going to let NextEra know that the technology is perfected and that you can implement the technology in our WEC and what are the</p>	



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<p>chances of this ever happening. DD – NextEra is not willing to speculate right now. It would depend on many variables and would be handled on a case by case basis. And just to clarify, NextEra has no plans to “leave town” as we have every intention of being long-term operators of all our projects.</p> <p><i>Parking Lot Topic #2</i> Include the Independent Electricity Service Operator (IESO) website link in the meeting minutes.</p> <p>http://www.ieso.ca/pages/power-data/default.aspx</p> <p><i>Response / Action</i> Chair – The IESO website link was provided in the CLC #3 meeting minutes. Peter Miller (PM) has more information regarding what is available on the IESO website.</p> <p>PM – The IESO selects where the power is going to come from. They have specific criteria they use to decide where exactly the power will come from. NextEra does not have control over curtailment; it is 100% up to IESO.</p> <p>Chair – Again, the link is in the meeting minutes for CLC #3 and you may all visit the IESO website to find out what information is provided. I can also include the link in the meeting minutes for CLC #4 (link provided above).</p> <p><i>Parking Lot Topic #3</i> Provide an update on vortex generators.</p> <p><i>Response / Action</i> AG – All vortex generators have been removed from the Goshen site.</p> <p>Are the vortex generators going to be reinstalled? AG – At this time, NextEra does not plan to put the Vortex Generators back on.</p> <p>Will NextEra be stripping away all the black tape marks? AG – As far as I’m aware, the black tape marks will not be stripped away.</p> <p>Michael Blackmore (MB) – The tape was stripped away on some of the performance testing towers.</p> <p><i>Parking Lot Topic #4</i> Provide details regarding curtailment during the Tundra Swan migration period in the meeting minutes for CLC #3.</p> <p><i>Response / Action</i> Chair - The update is provided on page 16 of the CLC #3 meeting minutes. Basically,</p>	<p>Chair to provide IESO website link in CLC #4 meeting minutes as well</p>



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<p>NextEra decided not to construct the turbine that was of concern during construction because of the potential for increased mitigation at that particular site.</p> <p>Christy Humphry (CH) – Natural Resource Solutions Inc. (NRSI) mortality monitoring would take Tundra Swans into concern as well. It was not expected to be an issue, and as of now there has not been an issue.</p> <p>Julie Rice (JR) – NextEra elected not to install the turbine because that turbine was deemed to present a higher risk of impact Tundra Swans due to its proximity to an identified a significant habitat. NextEra recognizes that there may still be some risk to Tundra Swans due to the Goshen WEC turbines but these are considered not to be significant.</p> <p><i>Parking Lot Topic #5</i> Provide details regarding the Community Vibrancy Fund (CVF) spending agreement.</p> <p><i>Response / Action</i> DD – NextEra has an agreement with South Huron and hopes to have a CVF agreement in place with the Municipality of Bluewater shortly.</p> <p><i>Parking Lot Topic #6</i> Provide CLC contact information to Gary Eagleson so he may lead the discussion regarding the CVF funds with the local council.</p> <p>Chair – Part of the discussion was also about how members of the community can influence how the CVF money is allocated. Gary Eagleson, who is absent today, volunteered to lead the discussion with local council. I have provided Gary with the CLC contact information but will follow up to find out if he still intends to lead the discussion with council.</p> <p>I went to a meeting today where they held a vote and people did not want to use the CVF money for infrastructure projects. Many people wanted to see the money go into cutting costs (ex: lowering taxes, services, etc.).</p> <p>Chair – Moving forward, I can provide the CLC contact information to one specific member to drive the conversation further. I will send Gary another email to see if he is still interested in leading the CVF discussion with council.</p> <p>The Chair then discussed construction statistics (slide 7).</p> <p>Construction Stats</p> <ul style="list-style-type: none"> • General Contractor is Borea Construction Canada • At least 16 Huron County companies used (subcontractors and suppliers) on the Goshen project. • There were nearly \$4M in contracts with subcontractors and suppliers within Huron County. 	



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<ul style="list-style-type: none"> • Peak volume of individuals on site including subcontractors was around 250. • Indirect economic benefits have not been measured, but local hotels, restaurants, home improvement stores, gas stations, machine shops, pubs and grocery stores have seen an increase in business since the start of the project. . <p>Chair asked if there were any questions.</p> <p>Will landowners be getting a flat fee every year, no matter what? AG – Landowner agreements are strictly confidential.</p> <p>Does the \$4 million property tax include the CVF money as well? DD – No, the \$4 million strictly refers to property tax.</p> <p>Chair asks Michael Blackmore (MB) to discuss the projected economic impacts and performance (slide 7).</p> <p>Projected Economic Impact</p> <ul style="list-style-type: none"> • Construction Jobs: 250 at peak • Full Time Jobs: 6 • Capital Expenditures: \$275 Million • Property Tax: \$4 Million* • Landowner Payments: \$29 Million* <p>*Estimated over first 20 years of the project.</p> <p>Performance</p> <ul style="list-style-type: none"> • Performance is exceeding expectations – Equivalent Forced Outage Rate November to current is .64% • Excellent safety performance – 0 lost-time injuries <p>What does equivalent forced outage rate mean? MB – Essentially, if you think about the amount of time the turbines could be producing energy, out of 100%, NextEra turbines are available 99.36% of the time. NextEra’s equivalent forced outage rate target for November was 2.96% and we reached 0.64% so we are very happy with the results.</p> <p>Does the equivalent forced outage rate factor in curtailment? JR – No, it does not. The equivalent forced outage rate strictly applies to how NextEra turbines are operating.</p>	
<p>4. Update on Construction and Remediation Efforts</p> <p>Chair invited Heidi Lamarche (HL) to discuss updates on construction and remediation efforts (slide 8).</p>	



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<p>Construction Clean up, Modifications and Road Repairs: largely complete</p> <ul style="list-style-type: none"> Goshen is complete with its physical restoration work but has an agreement in place with Huron County to pay for the restoration of key roads that were used during construction. <p>Reclamation: Summer to Fall 2015</p> <ul style="list-style-type: none"> Stripped soil was replaced and re-contoured in the construction areas and disturbed areas reseeded during appropriate conditions for germination (as seasonality allows). <p>JR – We met with the land agents last week. We expect that landowners that have an issue with reclamation should be hearing from the agent very soon.</p> <p>We still have a tile that has never been looked at, and this is one year after. When CanAcre comes out to look at the tiles, they have no maps or records to let them know where the existing tiles are. They have visited one of my fields about four times and I still don't think they have got it right. My question is, does NextEra want to go another year into crop compensation?</p> <p>JR – No, this is why we met with the land agent. Goshen is not satisfied with the prior performance. We do apologize for the tiling repair processes to date.</p> <p>There is no excuse for NextEra taking two years to fix tiling issues.</p> <p>JR – I agree with you. It is not something that NextEra is proud of. Part of the reason the team is visiting the Goshen site this week was to meet with the land agent and try to make things right for the landowners.</p> <p>I would have expected more from a company like NextEra and I am completely disappointed. These issues should have been fixed one year ago. For a company this size, there has not been proper communications. At the end of it, I want to know what the tiling process has been on my land because years down the road I will need to know.</p> <p>JR – We are working to take advantage of the coming season to ensure the tiling repairs are finished in a timely manner, taking into consideration crops that are being planted in order to work around harvesting schedules.</p> <p>Are you using local contractors to do repairs on the tiles because most of the local contractors have done the installation in the first place and would already know where the tiles are located?</p> <p>HL – Borea Construction is the company that all the work is contracted through. Borea has used some local contractors where possible. Unfortunately, some of the local contractors do not want anything to do with wind energy projects so they just aren't available to use.</p> <p>I've heard from a contractor that he quit working because he waited months and</p>	



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<p>months to get paid. HL – I cannot speak to that specific case because I don't have all the details.</p> <p>Is NextEra going to continue to fix the tiles all the way through now? HL – If the tiles are not properly draining the land and it is NextEra's fault, then NextEra is committed to fixing it.</p>	
<p>5. Update from the Operations Team</p> <p>Chair asked Derek D. to discuss complaint resolution processes (slides 9-10).</p> <p>Operations - Complaint Resolution:</p> <ul style="list-style-type: none"> • NextEra acknowledges that some members of the community may have concerns regarding construction activities and long-term wind farm operations. • To resolve disputes in a collaborative manner, NextEra follows its complaints resolution process. • Should any complaints arise throughout the course of the construction, operation and decommissioning phases, a NextEra representative will contact the complainant to understand and seek a resolution. • NextEra will notify the local MOECC (Ministry of Environment and Climate Change) district office of the complaint within 2 business days of receipt of the complaint (1 business day if the complaint is related to Ground Water). • NextEra will provide the local MOECC district office with written records of the complaint within 8 business days of the complaint. The MOECC notification will include: <ul style="list-style-type: none"> – Description of the nature of the complaint; – Wind direction at the time of the incident related to the complaint; – Time and date of the incident related to the complaint; and – A description of the measures taken to address the cause of the incident and to prevent a similar occurrence in the future. • Upon resolution of complaint, verbal and written correspondence will be provided to complainant as soon as possible. • Information requests and complaints about the Goshen project specifically: <p style="text-align: center;"> NextEra Energy Canada, LP 390 Bay Street, Suite 1720 Toronto, ON M5H 2Y2 Toll Free Phone: 1-877-463-4963 Email: goshen.wind@nexteraenergy.com Website: www.NextEraEnergyCanada.com </p> <ul style="list-style-type: none"> • Any other general inquiries to NextEra Energy Canada, LP: <p style="text-align: center;">416-364-9714 - Main</p>	



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<p style="text-align: center;">877-257-7330 - Toll Free</p> <p>Is the complaint resolution process going to be the same for the next 20 years? DD – Yes. As long as the Renewable Energy Approval is in place, this process will be in place. It could be even longer than 20 years.</p> <p>I requested there to be signage with NextEra phone numbers at the end of the laneways so that people passing by can contact NextEra immediately if there is a problem. Is signage possible? MB –We will look into adding signage to access roads.</p> <p>Chair asked the CLC members if there were any questions regarding the complaint resolution process.</p> <p>None received.</p> <p>Chair asked Derek D. to discuss the Environmental Effects Monitoring Plan (EEMP) and acoustics (slide 11).</p> <p>Monitoring and Mitigation Measures</p> <p>Environmental Effects Monitoring Plan</p> <ul style="list-style-type: none"> In accordance with the requirements of Ontario Regulation (O.Reg.) 359/09, the Environmental Effects Monitoring Plan addresses various elements including, but not limited to, heritage and archaeological resources, natural heritage features and noise. <p>Acoustics</p> <ul style="list-style-type: none"> The Provincial Environmental Protection Act (EPA) requires that acoustic emissions for any new projects must not have any adverse effects on the natural environment and not exceed 40dBA when wind speeds are of 6 metres/second and below. NOTE: the allowable acoustic levels increase during higher wind speeds. Prior to construction, a Renewable Energy Approval (REA) was obtained with measures to be adhered to, i.e. acoustic modeling by independent consultants. Acoustic emissions will not likely change unless there is damage to the equipment (immediately recognized by the computer monitoring system and addressed by the operations team). Acoustic Emission and Immission testing is partly completed. Results were reported to the MOECC by Jan. 2016. <p>What is 6 meters per second in miles per hour? PM – It equals about 18-20 kilometers (km) per hour.</p>	<p>NextEra is discussing signage at end of laneways (access roads) with contact information</p>



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<p>I heard Huron County is going to be conducting a study about individuals getting sick because of wind turbines. If NextEra has the information that states wind turbines are not linked to health problems, why doesn't NextEra provide it to everyone? It seems like there is a lot of money being wasted on studies that have already been done that could be spent on more important items or issues. DD – NextEra cannot speak directly to the study you're referencing as we have not heard about any new studies being conducted.</p> <p>Are the Sonic Detection and Ranging (SODAR) units part of what NextEra is discussing regarding acoustics? DD – No, that is not what NextEra is referring to when discussing acoustic testing.</p> <p>PM – The SODAR unit you saw is being used in the data collection of power curves. It is a temporary test location. I cannot speak to the length of time that the unit will be there. It is an advanced weather monitoring mechanism that uses sound energy to track the different pressure systems, wind speeds, etc. The idea is to track the weather before it gets to the turbine whereas NextEra measures the weather after it hits the turbine.</p> <p>Speaking of meteorological information, will this information collected from the meteorological towers be made public? PM – I have actually never been asked that before.</p> <p>JR – I would anticipate that meteorological tower information would be difficult to obtain. We will definitely look into how that information could be obtained.</p> <p>Would meteorological tower data be published to the website? JR – No, it's an internal process.</p> <p>PM – All the information gets sent to a central company that takes all the meteorological tower data from across the country to provide general weather information for each region.</p> <p>Comment - Our world revolves around weather, so it would be helpful to provide the information to help some other agencies who are constantly recording weather stats. The Chair noted the comment noted and then asked Christy H. to discuss natural heritage monitoring components (slides 12-13).</p> <p>Bird and Bat Post-Construction Monitoring</p> <ul style="list-style-type: none"> • Monitoring will be conducted in accordance with requirements of the REA and the Ministry of Natural Resources and Forestry (MNRF) Guidelines • Monitoring began May 1, 2015 • Turbine searches occurred twice weekly from May 1st through October 31st, 	<p>At this time we do not have a real-time interface to provide meteorological data to landowners.</p>



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<p>and raptor surveys are continuing weekly from November 1st through November 30th.</p> <ul style="list-style-type: none"> • Correction factors are applied in order to calculate overall estimated mortality rates across the project • Annual report provided to MNRF by the end of February following each year of monitoring • 3 years of monitoring are required <p>Species-At-Risk (SAR) Monitoring</p> <ul style="list-style-type: none"> • Species at Risk mortality monitoring began in April 2015 • Monitoring has been conducted in accordance with MNRF requirements • All 63 turbines were searched monthly between April and November • Annual report completed • Species at Risk Monitoring continues for the life of the project <p>Is the monitoring data available to the public or only to government agencies? CH – Currently, there is a summary available on the NextEra website for the Goshen WEC for bird and bat mortality rates. Goshen CLC#3 Meeting Summary - http://www.nexteraenergycanada.com/pdf/goshen/CLC/GOSHEN_CLC3_MtgSmry.pdf</p> <p>What is the mortality rate for birds and bats? CH – The MNRF has specific thresholds set for bird, bat and raptor mortalities. The mortality threshold for raptors is 0.2 per turbine, per year. The bird mortality threshold is 14 birds per turbine per year and the bat mortality threshold is 10 bats per turbine per year. For the Goshen site, I believe there were around 0.2 raptor mortalities per turbine, 2 bird mortalities per turbine and 9 bat mortalities per turbine per year.</p> <p>Natural Heritage Monitoring</p> <ul style="list-style-type: none"> • Post construction monitoring of certain wildlife habitats is required by the REA • Amphibian Breeding, Red-headed Woodpecker, Bat Maternity Colony, and Heron Nesting Habitat Monitoring • Habitat monitoring began in 2015, in accordance with the requirements of the REA • 3 Years of habitat monitoring is required • Annual reports will be submitted to MNRF by March 31 of each year of monitoring <p>How does NRSI monitor all animals? Does NRSI ever monitor cows and horses on pasture? DD – No, there are no requirements or protocol for monitoring farm animals in relating to renewable energy development so NextEra is unable to monitor them. The REA monitoring studies specifically pertain to birds and bats and areas of significant</p>	<p>AECOM to provide link to NextEra website in meeting minutes</p>



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<p>natural habitat.</p> <p>For a while in the late summer it seemed like all the birds left because of the wind turbines. Did that information ever get to NextEra? Did anyone ever ask about the bird disappearance?</p> <p>CH – Bird activity does generally drop in late summer. Breeding activity takes place in May and through July. Generally, bird activity is lower in August carrying through to September and October.</p> <p>Did anyone contact NextEra to complaint about the disappearance of birds?</p> <p>CH – No, there were no complaints made regarding the disappearance of birds.</p> <p>Why do these specific species need to be monitored? If there was a major decrease in woodpecker population, would something actually be done to bring the woodpeckers back? Or is it just money being spent without any action. What is the goal of the monitoring?</p> <p>CH – The different wildlife habitats NRSI studies are studied for various reasons. For example, NRSI studies redheaded woodpeckers because the transmission line was installed near the nesting habitat of the redheaded woodpecker. In this case, we study in case there is a significant decline in nesting habitat or diversity and abundance of the species. If there is, it is reported to the MNRF and appropriate actions will take place.</p> <p>DD – If you visit our website, you can view the potential mitigation measures and requirements in the case of habitat decline or other significant impacts.</p> <p>The chair asked if there were further questions regarding the monitoring process.</p> <p>None received.</p> <p>The Chair asked Michael B. to discuss retirement and decommissioning processes (slide 14).</p> <p>Retirement and Decommissioning</p> <p>Lifespan</p> <ul style="list-style-type: none"> • The average lifespan of a turbine is 25 years. • At the end of its lifecycle, a wind facility can either be decommissioned or repowered. <p>Repowering</p> <ul style="list-style-type: none"> • If the economics are viable, a facility may be repowered with new technology. <p>Decommissioning</p> <ul style="list-style-type: none"> • The process and impacts are similar to the construction phase, but in reverse 	



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<p>sequence</p> <p>Decommissioned Equipment Left in Place</p> <ul style="list-style-type: none"> • Underground electrical lines will be cut and the ends buried 1m below grade. These lines are inert and will have no negative impacts on the environment, soil and cultivation practices. • Foundations will be left in place. The top 1m will be removed and replaced with clean fill and stockpiled topsoil – to allow for cultivation of agricultural lands. <p>Recycling</p> <ul style="list-style-type: none"> • All materials will be recycled, where possible, or disposed offsite at an approved and appropriate facility. <p>How was the 1 metre depth for topsoil determined? DD – This is standard industry practice, but we did contact the Ministry of Agriculture, Food and Rural Affairs (OMAFRA) when asked about this at another project as it relates to whether this depth would be suitable for crop growth and tile drainage and they did confirm that the 1 m topsoil depth is adequate.</p> <p>Are you seeing some deterioration in NextEra’s older projects that have been operating for 15-20 years? DD – In California, some NextEra WECs are being decommissioned and repowered, with old turbines being replaced with larger, but fewer, turbines.</p> <p>Do the underground lines have to be replaced after 15-20 years as well? DD – Possibly. Usually the lines have a longer lifespan but NextEra would get engineers to check the conditions to determine whether the lines could be used or would need to be replaced.</p> <p>Chair – At a previous meeting, Doug McIntosh noted that the knowledge and technologies that have been developed in the past 20 years have grown substantially. In a specific case, twenty years ago, the turbines were placed too close together so now when the WECs are being decommissioned, the placement is being rearranged.</p> <p>Is there a number in efficiency, such as 10%-20% increase in efficiency that it pays to repower the WEC? Is there a specific number where repowering would make sense? JR – It would really be determined on a case by case basis because the overall investment would need to be studied versus the investment in new technology and the payback. A business case would have to be developed. I do not think you could apply a simple formula to calculate repowering.</p> <p>Could the WECs last longer than 20 years? JR – Yes. We estimate that end of life could be as much as 30 years with some of our WECs. With technology constantly improving, the lifespans could even surpass 30</p>	



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<p>years.</p> <p>Is there a chance that the currently operating NextEra WECs could be repowered using the existing towers? PM – Absolutely. In the future, we would want to use as much of the existing infrastructure and systems as possible. NextEra would prefer the WECs to operate at a longer rate than currently expected.</p>	
<p>6. Depositions</p> <p>None.</p>	
<p>7. Public Question and Answer</p> <p>The chair then opened the floor to the members of the public for questions.</p> <p>I am a landowner that has several turbines in the south east corner of the Goshen project. I have been very disappointed with the work done on the tiles. I'd like to get my own contractor to come in to do the tiling work, is this possible? HL – I would be happy to meet with you privately after the meeting this evening to exchange information. This may be a possibility and it is not something that Borea Construction would rule out.</p> <p>Is there a way to get general markers to identify the underground collection system locations? MB – All NextEra projects are in the Ontario One Call program. If you put in a ticket with Ontario One Call you will be contacted quickly to discuss the issue regarding your property. The information is simple to put forward.</p> <p>PM – It is in our best interest to make sure that nothing comes in contact with the underground line. If there is ever something you're concerned about or unhappy with, please feel free to contact Michael B. or myself (Peter Miller). Contacting Ontario One Call is also an option, but please feel free to contact the NextEra Operations team directly to help in locating underground cables.</p> <p>The property taxes have increased significantly with the addition of the wind turbines. Will the reimbursement from NextEra be continuous or was that only for 2015? DD – Goshen Wind Energy Centre will always cover the industrial tax cost for the additional infrastructure. We would love to pay one bill directly to the municipality instead of have landowners pay first and then reimburse everyone separately. It is an issue that we are currently working on because it is the best solution for everyone.</p> <p>Are the payments on schedule? Landowners were told that the payment would be made by end of March / early April 2016.</p>	



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Item Discussed	Action
<p>AG – Yes, property tax payments are all on schedule for landowners.</p> <p>Back to the tax assessment issue, could NextEra just mail out cheques when the original tax estimate comes in? JR – Yes, you are correct. NextEra will have this discussion to see if it can be implemented. I hope to be able to get that change made for the landowners. NextEra would love to be more efficient.</p> <p>What is this process like for other projects in Ontario? JR – It is the same process throughout Ontario for all projects.</p> <p>I would have thought this would have been something NextEra negotiated with the municipalities in the beginning of the project. JR – It is something NextEra is working on and trying to achieve. Unfortunately, the municipalities would have to also agree to allowing us to be billed directly. We would appreciate your assistance in expressing your wishes to have this done too.</p> <p>Are the underground cables equipped with GPS tracking? If so, there should be GPS maps for all cables. HL – At the time the underground lines were installed, the GPS tracking was installed.</p> <p>If the underground cables have GPS maps, why wouldn't NextEra know how deep they are? Last fall NextEra sent a company to my property to try to locate the depth of the underground cables. I am amazed that NextEra would spend \$20 million and not know how deep the cables are. MB – It is difficult to track the exact depth of each cable. The box the workers had hooked up on your property was the frequency transmitter and they were trying to locate the cable and determine the estimated depth.</p> <p>Why are there always different NextEra personnel present at the CLC meetings? DD – There are different staff present at the meetings because each meeting takes place during a different phase of the project. For example, development staff are not present today because the Goshen WEC is now in operation.</p> <p>Chair asked if there were any other questions from the CLC members or members of the public.</p> <p>None received.</p>	
<p>8. Thank You!</p> <p>NextEra Energy Canada and AECOM would like to sincerely thank all the CLC members for donating their time over the past two years and for their valuable input and interest in the project.</p>	



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Item Discussed	Action
Chair thanked all CLC members and members of the public for attending and then adjourned the meeting.	

PARKING LOT

Parking Lot Topic	Response / Action
Adam (AECOM) to provide IESO website link in CLC #4 meeting minutes.	Action complete. The IESO website link has been provided on page 5 of the CLC #4 meeting minutes.
NextEra to discuss signage at end of laneways (access roads) with contact information and provide information in meeting minutes.	NextEra is discussing signage at end of laneways (access roads) with contact information
NextEra to provide meteorological tower information in the meeting minutes.	At this time we do not have a real-time interface to provide meteorological data to landowners.
AECOM to provide link to NextEra website in meeting minutes so individuals can view the bird and bat mortality summary for Goshen.	Action complete. The NextEra website link has been provided on page 12 of the CLC #4 meeting minutes.



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Appendix A

List of Attendees (CLC Members)



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COMMITTEE MEMBERS		
Name	Organization / Role (if any)	Attendance
Jim Deitrech	<ul style="list-style-type: none">Resident / Landowner within 1km of the project	Present
Frank Palen	<ul style="list-style-type: none">Chair of the Huron Manufacturing Association (HMA)Member of the South Huron Chamber of Commerce	Absent
Chuck Ford	<ul style="list-style-type: none">Resident / Landowner within 1km of the project	Present
Steve Finkbeinner	<ul style="list-style-type: none">FarmerCounty Resident / Landowner	Present
Cathy Seip	<ul style="list-style-type: none">Interested and concerned citizen	Present
Allan P. Barnes	<ul style="list-style-type: none">Lives in Shipka; operates the local drive in theatre, and is interested in learning more about wind energy and the project.	Absent
Hubert Haccius	<ul style="list-style-type: none">Lives in Shipka; is a former pig farmer and a participant in the project. Would like to contribute to the conversation and also learn.	Absent
Bill Dowson	<ul style="list-style-type: none">Resident of the Municipality of Bluewater; served 30 years on municipal council, and wants to help contribute to the community working together	Present
Gary Eagleson	<ul style="list-style-type: none">Business owner and Landowner	Absent
Arnold Kester	<ul style="list-style-type: none">Farmer / Landowner	Present



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Pat O'Rourke	<ul style="list-style-type: none">• Landowner and real estate agent in the Community	Present
Stephen Boles	<ul style="list-style-type: none">• Exeter resident; invited to participate as the President of the South Huron Chamber of Commerce.	Present