



# 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.2

April 9, 2014 6:00pm - 8:00pm

South Huron Recreation Centre

94 Victoria Street East

Exeter, Ontario

#### Present:

#### **CLC Members**

 Cathy Seip; Stephen Finkbeiner; Allan P. Barnes; Chuck Ford; James E. Dietrich; Bill Dowson; Hubert Haccius; Frank Palen; Arnold Keester; Gary Eagleson

#### NextEra Energy Canada

 Nicole Geneau, Director, Development; Jeff Damen, Construction Manager; Jeff MacFarlane, Operations Manager; Catherine Mitchell, Business Manager

Natural Resources Solutions Inc. (NRSI)

Christy Humphrey

#### **AECOM**

Avril Fisken; Adam Wright

#### Absent:

Aaron Neeb; Pat O'Rourke; Stephen Boles





Item Discussed	Action
1. Welcome and Introductions <sup>1</sup>	
Avril Fisken (Chair) welcomed the committee to the meeting, introduced herself and explained that Adam Wright (Organizer) would be facilitating this evening. She then asked those around the table to introduce themselves.  Adam W. (Chair) continued with the facilitation of the meeting, and reviewed the Agenda (slide 3).	
1. Introductions	
<ol> <li>Recap of CLC Meeting #1</li> <li>Activities and Questions/ Comments raised since the first CLC meeting</li> <li>Status of post-construction activities</li> </ol>	
<ul><li>5. Operations and Maintenance Introduction of Operations Team</li><li>6. Preliminary Discussion of monitoring and mitigation measures</li><li>7. DepositionsChristy Hempel</li></ul>	
<ul><li>8. Question and Answer Period</li><li>9. Tentative Items for Discussion at Future CLC Meetings</li></ul>	
Chair reviewed the role and function of the Parking Lot as a way to table items that we cannot fully comment on at the meeting. Documenting these items ensures that they are addressed at a later date.	
Minutes will be received by the CLC members within 2 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.	
2. Recap of the CLC Meeting #1	
Chair reviewed CLC Meeting #1 (slide 4-5).	
Purpose of the CLC:  • A forum for two-way communication between NextEra Energy Canada	
<ul> <li>and the public</li> <li>An opportunity to provide additional information and updates, and to respond to questions or concerns related to:         <ul> <li>Construction and installation</li> </ul> </li> </ul>	

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<sup>&</sup>lt;sup>1</sup> The Meeting Summary is not intended to be verbatim, rather it is provided to Committee members to ensure that key discussions have been accurately captured and that context is provided for readers who were not present at the meeting.





Item Discussed	Action
Use and operation	
– Maintenance	
<ul> <li>Retirement of the Facility</li> </ul>	
Project Overview:	
Class 4 Wind Facility, in the Municipalities of Bluewater and South	
Huron in Huron County	
<ul> <li>63 turbines, with 80 metre towers and 50.5 metre blades</li> </ul>	
<ul> <li>A generating capacity of 102 MWs</li> </ul>	
Status of studies and approvals.	
Outline of construction process	
Public Attendance and Depositions:	
Local residents in attendance.	
No depositions.	
Meeting Summary for our 1 <sup>st</sup> CLC Meeting:	
Draft minutes were prepared by AECOM and circulated to the CLC on	
January 23, 2015	
<ul> <li>Members were asked to advise AECOM of any errors, omissions or</li> </ul>	
changes by <b>February 5, 2015</b>	
<ul> <li>All recommended comments/changes were incorporated and the</li> </ul>	
minutes were posted on NextEra's publically accessible website on	
February 6, 2015	
<ul> <li>CLC members were also emailed the final minutes on February 6, 2015</li> </ul>	
CLC members were also emailed the final minutes on <b>February 6, 2015</b>	
Chair explained that there is a new committee member (Aaron Neeb) who was	
unable to attend CLC meeting #2 but is still very interested in being a part of	
the Committee. Chair enquired if there were any objections to Aaron joining	
the Goshen CLC? No objections were received.	
Chair asks if CLC members have any questions. None received.	
3. Activities and Questions/Comments raised since the first CLC meeting	
Chair reviewed CLC Meeting #1 - Parking Lot Items (slide 6).	
Parking Lot Item #1	Send minutes
Chair will send meeting summaries to the CAOs of Bluewater and South Huron	of the CLC
moving forward.	meeting to
	the CAOs of





Item Discussed	Action
Parking Lot Item #2 Nicole G. (NG) relayed that NextEra conducted an investigation and discovered there were instances that their contractor was working outside the limits of the by-law. NextEra circulated an advisory to remind the contractors of the bylaw. No complaints about this were filed with the Municipality and the Municipality did not contact NextEra about this during construction.	Bluewater and South Huron.
Parking Lot Item #3 Chair relayed that NextEra will provide results of indirect economic benefits study when they are available.	
Parking Lot Item #4 Chair noted to the committee that information regarding stray voltage was provided in the meeting package.	
Parking Lot Item #5 Catie M. – NextEra has a Community Vibrancy Fund (CVF) currently in place with South Huron based on the number of turbines and transmission installed in municipalities. The payment is \$3,500 per megawatt and \$5,000 per kilometer of transmission, which is around \$250,000 a year that will be contributed to the community. The municipality will determine how the funds are distributed. Guidelines are provided by NextEra. For example, Huron East decided to purchase a fire truck for their municipality with the CVF contribution.	Include CVF
A request was made by a committee member to include guidelines in the meeting minutes.	guidelines with Meeting Summary.
Cathy Seip (CS) - What is the actual amount? \$250,000 or \$330,000? NG - The actual number is \$316,000	,
Gary Eagleson - Should there be farmer/landowner representation on the committee that decides what to do with the money?  NG – That's a great suggestion I urge you to bring this to your local councilor.	
CS – Was there a one-time dollar amount allotted for CVF or is it yearly for the transmission line? Is there more money coming to do with the transmission line?  NG – There are two dollar amounts given to equal \$316,000 and that amount is paid annually.	





		CANADA
Item Discussed		Action
NG – I want to clarify that NextEra has an agreement in place with that gives the municipality the authority to determine how funds a subject to some broad guidelines. The ultimate decision of what p allocated funds lies with the Municipality, not with NextEra.	are allocated	
Parking Lot Item #6  NG – In the last meeting it was suggested that Hydro One be invited next CLC meeting but NextEra did not receive any traction regarding NextEra can provide Hydro One contact information for those who voltage concerns.	ng this item.	
Parking Lot Item #7  NG – There was a recent request to qualify companies to bid in fut procurement requests put out by the IESO (Integrated Electricity S Operator). NextEra applied and successfully qualified to submit a proposal with regard to battery storage if a Request for Proposal (out in the future. NextEra has been told that there will be an RFP i 50 megawatts. NextEra does not have any current storage project in Ontario, although they do elsewhere in North America.	iystem project RFP) comes n Ontario for	
Parking Lot Item #8  JM – The minimum wind speed for operation on turbines is 12.5 K they stop producing power at 90 KM/hour. The turbines produce is capacity at 27 KM/hour.		
What happens to the turbines at 50 KM/hour? Do they go over n capacity?	ameplate	
JM – As the wind speeds pick up above 27 KM/hour the blades feat continue to produce nameplate capacity at higher wind speeds.	ther so they	
Parking Lot Item #9  Regarding the 1-800 number; will it be placed on signs by the roa  JM – NextEra is still investigating that. We are seriously looking at suggestion to put the information on the signs.		
Will there be a tour of the site?  JM – About an hour and a half before attending the next CLC meet possibility of conducting a tour of the site.	ting there is a	
Nicole G. provides a recap of Local Labour (slide 7).		





Item Discussed	Action
Construction Stats	
<ul> <li>General Contractor is Borea Construction Canada</li> </ul>	
<ul> <li>At least 16 Huron County companies used (subcontractors and</li> </ul>	
suppliers) on the Goshen project.	
<ul> <li>There were nearly \$4M in contracts with subcontractors and suppliers</li> </ul>	
within Huron County.	
<ul> <li>Peak volume of individuals on site including subcontractors was around</li> </ul>	
<ul><li>250.</li><li>Indirect economic benefits have not been measured, but local hotels,</li></ul>	
restaurants, home improvement stores, gas stations, machine shops,	
pubs and grocery stores have seen an increase in business since the	
start of the project.	
Projected Economic Impact	
<ul> <li>Construction Jobs: 250 at peak</li> </ul>	
<ul> <li>Full Time Operations Jobs: 8 - 10</li> </ul>	Provide
<ul> <li>Capital Expenditures: \$275 Million</li> </ul>	updated
<ul> <li>Property Tax: \$6.9 Million*</li> </ul>	construction
<ul> <li>Landowner Payments: \$29 Million*</li> </ul>	statistics for
<ul> <li>*Estimate over first 20 years of the project</li> </ul>	next meeting.
NG – NextEra attempted to update the information since the last meeting. The numbers are now a bit different than displayed on the slide. Borea Construction used at least 16 companies that were Huron County based but we believe this number is higher; it needs to be confirmed for the next meeting.	Provide
NG – There were actually \$13 Million in contracts, not \$4 Million. There are 10 full-time jobs between the two projects (Goshen and Bluewater) and of the 10, six full-time jobs are for Goshen.	projected economic impact breakdown for South
Is there any way to break the projected property tax down to understand the	Huron before
portion for South Huron before taxes?	taxes at 3 <sup>rd</sup>
NG - Yes. NextEra can provide this information in the next meeting.	CLC meeting.
4. Status of post-construction activities	
Chair then introduced Jeff Damen (JD) to review status of post-construction activities (slide 8).	





Item Discussed	Action
1) Construction Clean up, Modifications and Road Repairs: Spring and	
Summer 2015	
<ul> <li>Waste and debris generated during construction activities to be collected and disposed of at an approved facility.</li> <li>All equipment and vehicles will be removed from the construction area.</li> <li>Reasonable efforts made to minimize waste generated and to recycle materials, including returning packaging material to suppliers for reuse/recycling.</li> <li>During construction: Use of industry best practices for spill prevention 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.</li> </ul>	
<ul> <li>2) Reclamation: Spring and Summer 2015         <ul> <li>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).</li> <li>Roads/entrances will be pulled back to standard size.</li> <li>Emphasis on drainage monitoring and, if necessary, tile repair</li> </ul> </li> </ul>	
JD - Restoration is about 50% complete but there is still a lot of work to do come this spring and summer. Borea is on hold to fix drainage tiles as soon as NextEra can get out into the field. Crews are available to start in any areas that are appropriate to do so. NextEra is dedicated to cleanup as quickly as possible. When we start this spring, there will be multiple crews onboard to speed up the process.	
The cleanup so far looks really good but drainage is the issue. Who do we call to solve these problems?  JD – NextEra has put a lot of effort into finding out which tiles need to be repaired. NextEra has a spreadsheet tracking the key areas that need repair immediately. Those with concerns may contact the CanAcre representatives as we need to know as soon as possible. Marty Becker is the appropriate contact.	5
There is a lot of garbage coming out of the laydown yard. Will this garbage be cleaned up?  JD – Yes. The laydown yard is a collection site. NextEra is currently demobilizing and the goal is to cleanup as soon as possible. We will see an improvement over the next few days and will be cleaning up beyond the yard. If you don't see appropriate cleanup, call me personally.	2





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Item Discussed	Action
Chair asks if the committee has further questions. None received.	
5. Operations and Maintenance – Introduction of Operations Team	
Chair requests Jeff D. to continue with an update on project commissioning and operations (slide 9).	
<ul> <li>Wind Turbine Commissioning: Complete</li> <li>Requires Collection System, Substation, and Turbines to Start</li> <li>Turbine commissioning took place in sequential order prior to the planned Commercial Operation of the Project.</li> <li>Portable generators were used to provide backfeed power for commissioning prior to being connected to the power grid.</li> <li>Commissioning included testing and inspection of electrical, mechanical, and communications operability.</li> <li>A detailed set of operating instructions were followed in order to connect into the electrical grid.</li> </ul>	
JD – NextEra commissioned a lot of turbines in the winter to get them ready to go. As part of NextEra's commissioning and operations plan, we have to comply with many local regulations and inspections and all approvals have been received by NextEra.	
How deep are lines?  JD - The lines meet the Ontario Electrical Safety Code; a minimum of 1 m below the ground. Turbines produce three phase power which are three cables bundle together in a circuit and encased in sand for protection. Above these cables are a fiber optic communication line and a copper line for grounding. Above that area is a six inch red caution tape.	
When NextEra does the electrical bore, how did they manage the red tape? JD – The Ontario Electrical Safety Code does not stipulate that red caution tape be put on the bore. Every direction of bore is in a polyethylene hype that the cables are encased in, underground. Typically, wherever we bore we go very deep (80 feet).	
When you do tile repairs, do you string new tape?  JD – Absolutely, it is required by code. The drainage contractor is liable for that.	





Item Discussed	Action
Chair invites Jeff M. (JM) to review Operations (slide 10).	
Operations	
<ul> <li>The operation phase will be approximately 25 years and the operations building will require full time staff (i.e., site supervisor and wind technicians).</li> <li>Turbines will require scheduled maintenance (i.e., oil change, gearbox cleaning and lubrication, replacement of worn parts). Routine preventative maintenance activities will be scheduled as required, in accordance with manufacturer requirements.</li> <li>Spill prevention best practices utilized during the Construction Phase will also be implemented during operational maintenance.</li> <li>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.</li> <li>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</li> </ul>	
<ul> <li>centre.</li> <li>Operation decisions based on meteorological data include turbine shut down under icy or extreme weather, and cut-in and cut-out wind speed.</li> </ul>	
When calling the proposed 1-800 number do you reach the operations centre in Canada or do you reach Florida?  JM – When you're calling the 1-800 number you're contacting a contracted call centre that then notifies NextEra staff using a distribution list.	
With operations being monitored out of Florida, if there's an issue does Florida automatically know about it?  JM - Yes, those at the centralized 24-hr monitoring centre, the Fleet Performance and Diagnostics Centre (FPDC) can immediately identify the nature of the issue because turbine sensors are constantly monitoring and relaying that information to the FPDC. If any issue arises, they contact the local operations team to investigate and manage the situation.	
Has anything happened in this project thus far?	





Item Discussed	Action
JM - Nothing abnormal has happened.	
Are some turbines noisier than others?  JM - They shouldn't be. Lubricant/wind speeds affect noise. Depending on the situation, noise may vary.	
CM - As part of the Renewable Energy Approval (REA), NextEra is monitoring all turbines to ensure they are compliant with sound level regulations. If you do hear a noise there is probably something that requires addressing from the NextEra team.	
Is the monitoring happening locally as well as in Florida?  JM - Yes, local technicians have access to the same monitoring information available at the FPDC.	
Jeff M. continued Operations (slide 11).	
<ul> <li>Operations         <ul> <li>System Maintenance:</li> <li>GE 1.62 MW wind turbines are automated and have few maintenance requirements.</li> <li>Initial maintenance of the turbines occurs approximately 500 hours after initial commissioning and routine preventative maintenance activities are scheduled as required.</li> <li>Maintenance activities include changing of oil and gas filters, cleaning of gear boxes, replacement of worn parts and on-going inspections.</li> <li>All maintenance activities adhere to the same waste disposal and spill prevention industry best practices undertaken during construction.</li> </ul> </li> </ul>	
<ul> <li>Unplanned Turbine Maintenance:         <ul> <li>Modern turbines are very reliable and designed to operate for approximately 25 years.</li> <li>Minor component failure may occur (i.e. electronic cards, switches, fans or sensors) and can take a turbine out of service until the faulty component is replaced.</li> <li>Replacement of a major component (i.e. gearbox or rotor) is atypical. NextEra would work with the County and the landowner to coordinate the delivery of any large equipment and repairs (if required).</li> </ul> </li> </ul>	





	CANADA
Item Discussed	Action
500 hours is only about 28 days, is this accurate?  JM - 500 hours is operational hours. NextEra has been in operations in Goshen since the end of January. The initial maintenance hours have not been completed; they have just been started.  Jeff M. continued to discuss Complaint Resolution (slides 12-13).	
<ul> <li>Operations – Complaint Resolution</li> <li>NextEra acknowledges that some members of the community may have concerns regarding construction activities and long-term wind farm operations.</li> <li>To resolve disputes in a collaborative manner, NextEra follows its complaints resolution process.</li> <li>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.</li> <li>NextEra will notify the local MOE (Ministry of Environment) 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).</li> <li>The MOE notification will include:         <ul> <li>Description of the nature of the complaint;</li> <li>Wind direction at the time of the incident related to the complaint;</li> <li>Time and date of the incident related to the complaint; and</li> <li>A description of the measures taken to address the cause of the incident and to prevent a similar occurrence in the future</li> </ul> </li> <li>NextEra will provide the local MOE district office with a written record of the complaint within 8 business days of the complaint.</li> <li>As soon as possible, no later than three (3) days call complainant to follow up.</li> <li>Prepare letter to respond to customer/citizen and mail within 5 days of receiving complaint.</li> <li>Information requests and complaints about the local operations and maintenance can be addressed to:</li> </ul>	
NextEra Energy Canada, LP 390 Bay Street, Suite 1720 Toronto, ON M5H 2Y2 Toll Free Phone: 1-877-463-4963 Main Office Line: 416-364-9714	





Item Discussed	Action
Email: goshen.wind@nexteraenergy.com	
Website: <u>www.NextEraEnergyCanada.com</u>	
There are many red lights that can be seen. Northland is only using lights that turn on when they detect airlines. Can NextEra explain the transport Canada rule that a light needs to flash every 3 seconds, and is there a different solution for this?  NG - A lighting plan was filed and reviewed by Transport Canada. They ultimately decided the number of turbines required to be lighted. They also identify what lighting technology is appropriate. That lighting technology has a set frequency. To the best of my knowledge, NextEra cannot decide to change the frequency or settings of the lights. This is an aviation safety protocol.  NextEra is using the standards defined by NAV Canada and Transport Canada. I cannot speak to the plan Northland Power put in place. If there is a change in the technology going forward, NextEra is willing to investigate.  Who do I follow up with if new information becomes available regarding lighting?  NG - You may contact Catie Mitchell regarding this issue.  Is there a possibility for the lights to be shielded in such a way that they are only visible from above?	Provide additional information on lighting requirements, and any options available at 3 <sup>rd</sup> CLC meeting.
NG – Cones may be an option. NextEra will look into this and provide additional information at the next meeting.	
6. Preliminary Discussion of monitoring and mitigation measures	
Chair invites Christy Humphrey (CH) to discuss Monitoring and Mitigation Measures (slides 14-15).	
<ul> <li>Monitoring and Mitigation Measures</li> <li>Species-At-Risk (SAR) Monitoring         <ul> <li>Species at Risk mortality monitoring began in April 2015</li> <li>Monitoring will be conducted in accordance with Ministry of Natural Resources and Forestry (MNRF) requirements</li> <li>All 63 turbines will be searched monthly between April and November</li> <li>Annual report will be prepared in winter 2015</li> <li>Species at Risk Monitoring continues for the life of the project</li> </ul> </li> <li>Bird and Bat Post-Construction Monitoring</li> </ul>	





Item Discuss	sed	Action
_	Monitoring will be conducted in accordance with requirements	
	of the REA and MNRF Guidelines	
_	Monitoring will begin May 1, 2015	
_	Turbine searches will occur twice weekly from May 1st through	
	October 31st, and raptor surveys will continue weekly from	
	November 1st through November 30th.	
_	Correction factors are applied in order to calculate overall	
	estimated mortality rates across the project	
_	Annual report provided to MNRF by March 31 following each	
	year of monitoring	
_	3 years of monitoring are required	
<ul> <li>Natura</li> </ul>	al Heritage Monitoring	
_	Post construction monitoring of certain wildlife habitats is	
	required by the REA	
_	Amphibian Breeding and Red-headed Woodpecker Habitat	
	Monitoring	
_	Bat maternity colony habitat	
_	Habitat monitoring will begin 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 December 31 of	
	each year of monitoring	
CH - As projec	t is now operational, NextEra will begin the monitoring and	
measurement	program. An annual report will be submitted to the Ministry of	
Natural Resou	rces and Forestry (MNRF).	
Will NextEra r	monitor for three years, then not for the next 25 years?	
CH - The moni	toring will occur for three years. If thresholds are exceeded,	
monitoring ca	n continue. The objective is to ensure that mitigations are put in	
place so that r	mortalities do not exceed thresholds.	
	important to remember the three years of studies that	
happened dur	ing the development and design phase of the project. The intent	
of those studie	es was to identify features and then design the project to	
minimize impa	acts. In areas where we couldn't entirely avoid a feature, there is	
an Environme	ntal and Effects Monitoring Plan – which is what we are	
discussing tod	ay. The intent of the monitoring plan is to confirm that what was	
expected to o	ccur, as set out in our Natural Heritage Assessment Report, is in	
fact what's ha	ppening. If it's not, then we work with MNRF to monitor more	





Item Discussed	Action
and determine an alternate mitigation strategy.	
Did you have to give the MNRF a number that said we expect to lose 20 birds per year?	
NG - No, we don't provide the MNRF a number of expected mortalities. The thresholds for these requirements in the REA are established by MNRF for the entire wind industry. We are held to the same standard.	
CH - Studies determine where significant wildlife habitats are and if wildlife is living there. If there is a significant wildlife population, mitigations need to be put in place (e.g., moving or relocating turbines, or not erecting in those areas). In some cases, NextEra will do follow-up monitoring to ensure wildlife isn't affected by the turbines. NextEra engages in 3-6 years of post-construction monitoring to determine what the impacts are.	
What should a landowner do if they find a mortality on their property?  CH — If you find a mortality, leave it in place and get in contact with Jeff  (NextEra) if you want to. This will ensure that NextEra detects it properly.	
When I was on a committee, 1.6 birds were killed per turbine per year. What is the actual number? Also, there are a lot of coyotes and hawks in the area; will NextEra actually be able to detect the true mortality rate?  CM - A report will be provided to MNRF in compliance with the REA requirement. NextEra will publish a summary of that report on the project website (the mortality for birds, bats and raptors).	
CH - NextEra runs trials that detect the rate of scavenger removal. NextEra performs trials where we place bird carcasses and measure how long it takes for them to be removed. We then take this statistic into consideration.	
What is the number one species at risk (SAR), and what are the correction measures?	
NG – The SAR depends on the project. For the Goshen project for example, NextEra identified red-headed woodpecker habitat, a heronry and hay fields (bobolink habitat). With respect to the heronry and the woodpecker locations, the primary mitigation was to site the turbines far enough away so as not to impact the birds. The locations of those SAR habitats are not published for the public in order to further protect the species.	
CM - NextEra provided a mitigation report to the MNRF prior to construction, so in the event we find we're impacting a SAR, there are steps we can take to	





Item Discussed	Action
further protect the species such as adjusting the timing of operations or	
establishing new habitats in other locations.	
NG – A good example of SAR mitigation occurred in the Bluewater project.	
NextEra needed to remove a couple of acres of hay field in order to site a	ļ
turbine and the access road. Replacement habitat (i.e. a hay field with especially appealing grasses) of 9 acres was leased from a nearby property to	
compensate for the disturbance to their original hay field. That replacement	
field will be maintained for the life of the project and we've monitored it and	
confirmed there have been bobolinks using it during their breeding season	
since it was planted.	
NovtEra was shocking the greate for froze to that next of the SAR manifesting?	
NextEra was checking the creeks for frogs. Is that part of the SAR monitoring?  CH - Yes, NextEra will begin post-construction monitoring of the significant	
habitats shortly to make sure they're still all there.	
, , , , , , , , , , , , , , , , , , , ,	
Chair introduced tentative items for discussion at future CLC meetings and	
opened the floor for ideas regarding the next meetings (slide 16).	
Tentative Items for Discussion at Future CLC Meetings	
CLC Meeting #3	
Site tour of the Goshen Project	
<ul> <li>Post-Construction Activities (e.g., reclamation or required repairs)</li> </ul>	
Update on Operations and Maintenance	
Monitoring     Mitigation Massures	
<ul><li>Mitigation Measures</li><li>Provisions for Decommissioning</li></ul>	
Trovisions for Decommissioning	
CLC Meeting #4	
Update on Operations and Maintenance	
Monitoring     Militartian Management	
<ul><li>Mitigation Measures</li><li>Other</li></ul>	
- Guiei	Provide
Will fire suppression be discussed in the upcoming meetings?	information
JM – Regarding fire suppression, I am meeting with the fire chief on Monday.	at future
NextEra can provide information at future meeting regarding an emergency	meeting
response plan.	regarding an
Is there firefighting equipment in the tower?	emergency response
JM – No, there is not anything installed in the towers.	plan.
The state of the s	





Item Discussed	Action
Chair then introduced Christy Hempel to provide a deposition.	
7. Deposition from the public – Christy Hempel	
Christy Hempel (CH) – I am here from the University of Guelph to present studies of the visual values of landscape architecture and the impression of landscapes and response to change. I am currently looking for participants.	
Your concept of average rural landscape is not cluttered enough. It's difficult to assess the change because it was not representative of the actual landscape.	
CH – For the first study that's looking at values of landscape in general, the images are of what other individuals have submitted. The images are representative sentiments of the landscape; they're not objective like photographs would be.	
CH – I'm planning on hosting a few tours in this area to conduct the study. If anyone is interested, please let me know.	
Chair asked if there were any further questions. None received.	
8. Question and Answer Period	
Chair enquired if members of the public had any questions	
I was surprised at how many turbines I was seeing, and now I'm surprised at the number that are operating (and those that are not.) Why are they not all spinning or none spinning?  JM – It's probably a function of the variation in wind speed. The turbines may not be operating because of low wind speeds, or shutting down because the	
wind speeds are too high. Quite often, the turbines could move because of a short gust of wind. Turbines start up at 12.5 KMs per hour and operate up to 90 KMs per hour.	
Is there a certain amount of time that turbines need to start up?  JM – Yes there is, but I do not know what the exact timing is off the top of my head.	
NG – It happens very quickly. It definitely takes less than five minutes but we don't have the exact time for you at this moment.	





Item Discussed	Action
Chair informs public that next meeting is scheduled to take place in June. Will provide suggested timeline with meeting summary.	
Chair then asks if there are further questions.	
No questions received.	
Chair thanks the public for attending and adjourns the meeting.	

### **PARKING LOT**

Parking Lot Topic	Response / Action
Send minutes of the CLC	AECOM will send minutes of the CLC meeting to
meeting to the CAOs of	the CAOs of Bluewater and South Huron.
Bluewater and South Huron.	
Include CVF guidelines with	Included in Meeting Summary #2
Meeting Summary.	
Updated construction statistics.	NextEra to provide updated construction
	statistics for next meeting.
Provide projected economic	NextEra to provide projected economic impact
impact breakdown for South	breakdown for South Huron before taxes at 3 <sup>rd</sup>
Huron before taxes to the	CLC meeting.
public.	
Additional information on	NextEra will provide additional information on
lighting requirements.	lighting requirements, and any options available
	at 3 <sup>rd</sup> CLC meeting.
Is there an emergency response	NextEra can provide information at future
plan in place?	meeting regarding an emergency response plan.





## **Appendix A**

List of Attendees (CLC Members)





COMMITTEE MEMBERS		
Name	Organization / Role (if any)	Attendance
Jim Deitrech	Resident / Landowner within 1km of the project	Present
Frank Palen	Chair of the Huron Manufacturing Association (HMA)	Present
	Member of the South Huron Chamber of Commerce	
Chuck Ford	Resident / Landowner within 1km of the project	Present
Steve Finkbeinner	Farmer	Present
	County Resident / Landowner	
Cathy Seip	Interested and concerned citizen	Present
Allan P. Barnes	Lives in Shipka; operates the local drive in theatre, and is interested in learning more about wind energy and the project.	Present
Hubert Haccius	Lives in Shipka; is a former pig farmer and a participant in the project. Would like to contribute to the conversation and also learn.	Present
Bill Dowson	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	Business owner and Landowner	Present
Arnold Kester	Farmer / Landowner	Present





Pat O'Rourke	Landowner and real estate agent in the Community	Sent Regrets
Stephen Boles	Exeter resident; invited to participate as the President of the South Huron Chamber of Commerce.	Sent Regrets
Aaron Neeb		Sent Regrets