



# Nation Rise Wind Farm Community Liaison Committee

**CLC Meeting #3**  
Crysler Community Centre  
16 3<sup>rd</sup> Street  
Crysler, ON

September 5th , 2019 | 6:00pm EST

## AGENDA



- A INTRODUCTION TO THE COMMUNITY LIAISON COMMITTEE AND MEMBERS
- B CONSTRUCTION ACTIVITIES UPDATE
- C UPCOMING CONSTRUCTION WORK
- D PROJECT SCHEDULE UPDATE
- E MONTHLY CONSTRUCTION OPEN HOUSES
- F FEEDBACK ON PROJECT CONSTRUCTION UPDATES WEBSITE
- G PUBLIC ENQUIRIES AND DISCUSSIONS FROM THE PUBLIC
- H PROPOSED TOPIC/AGENDA FOR THE NEXT MEETING



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# INTRODUCTION

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# Community Liaison and Project Team Members

## Community Liaison Members

- Morgan McDonald
- Blake Henderson
- Amy Sanders-Michaud
- Judy Tessier
- Steve Densham

## CLC Facilitator and Chair

- Gabriel Constantin - DNV GL

## Project Team Members

- Ken Little – Associate Director, EDP Renewables Canada
- Nathan Roscoe – Project Manager, EDP Renewables Canada

## Other Team Members

- Adam Morrill – Community Liaison DNV GL
- Ashley Mascarenhas – EDP Renewables
- Hersh Jayaswal – EDP Renewables
- Emily Hughes – EDP Renewables

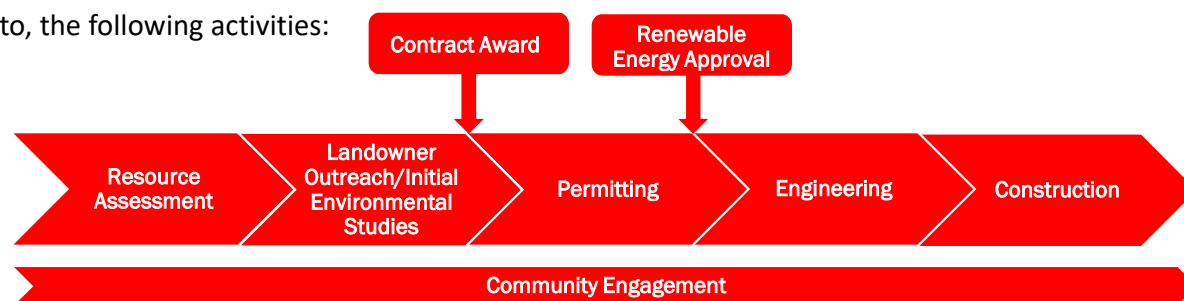


## PROJECT OVERVIEW & BACKGROUND

- The Nation Rise Wind Farm was granted a 20-year power purchase agreement from the Ontario Independent Electric System Operator in March of 2016. This contract is for 100MW of wind power generation and was granted through the Large Renewable Procurement (LRP I) program.
- The project proponent, Nation Rise Wind Farm Limited Partnership, submitted its Renewable Energy Approval Application in July 2017 to the Ontario Ministry of Environment and Climate Change (now the Ontario Ministry of Environment, Conservation and Parks). The project was granted its Renewable Energy Approval (0871-AV3TFM) on May 4<sup>th</sup>, 2018.
- The project is currently in late stage development completing final crossing agreements with local utilities and permitting with the United Counties of Stormont, Dundas and Glengarry, the Township of North Stormont and the South Nation Conservation Authority.

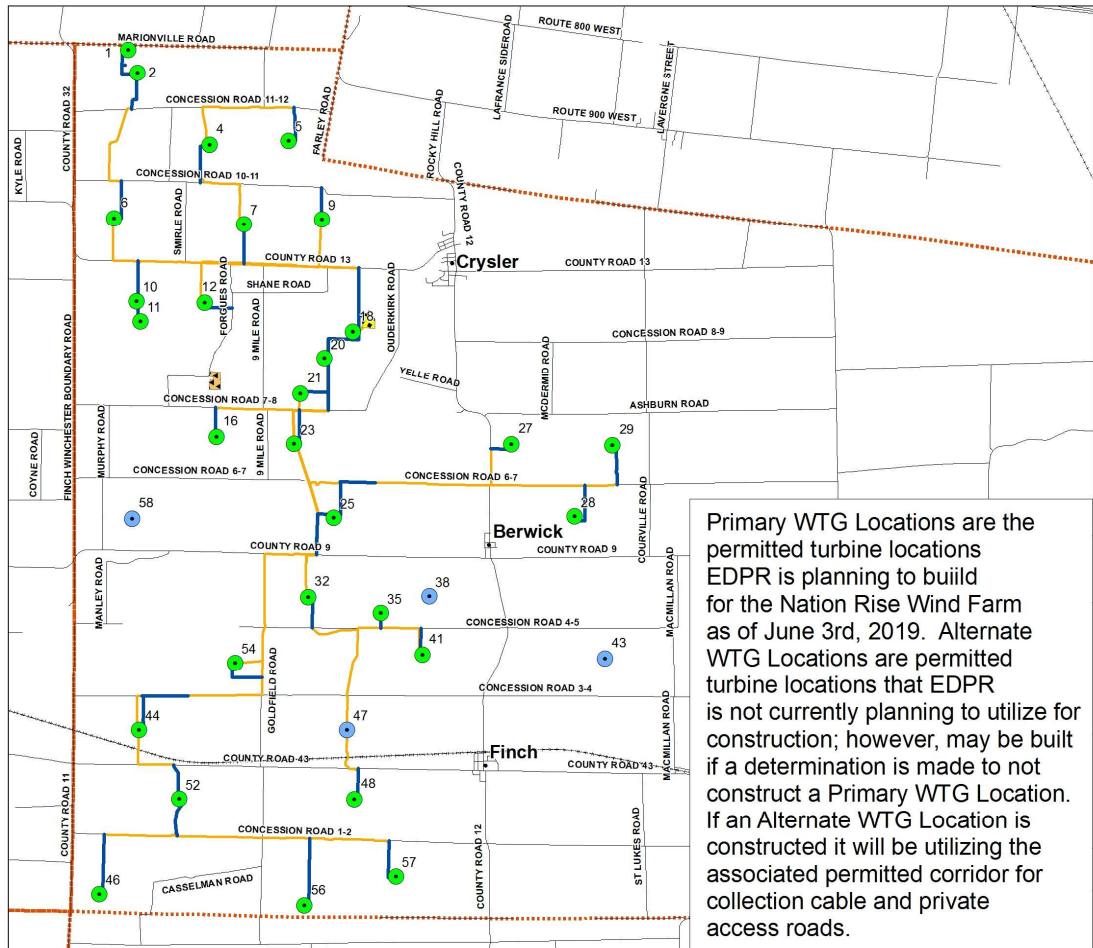
Community Engagement has included, but not been limited to, the following activities:

- Multiple Open House Events
- Presentations to Council
- Local sponsorships
- Participation in community events
- Regular meetings with project landowners
- First Nation Consultation



# PROJECT OVERVIEW & BACKGROUND

## NATION RISE WIND FARM Project Layout - June 3rd, 2019



Primary WTG Locations are the permitted turbine locations EDPR is planning to build for the Nation Rise Wind Farm as of June 3rd, 2019. Alternate WTG Locations are permitted turbine locations that EDPR is not currently planning to utilize for construction; however, may be built if a determination is made to not construct a Primary WTG Location. If an Alternate WTG Location is constructed it will be utilizing the associated permitted corridor for collection cable and private access roads.

### Legend

- Turbine Location**
  - Primary WTG Location
  - Alternate WTG Location
- Private Access Roads
- Underground Collection Cable
- Municipal and County Roads
- Substation Area
- Laydown Yard



Author: Ken Little  
 Date / Time: 04 June 2019 / 01:41 PM  
 Version: LNTP 1.1  
 Datum: North American 1983  
 Projection: NAD 1983 UTM Zone 18N  
 Scale: 1:25,000  
 Sources: EDPR, ESRI, Ventyx



## WIND TURBINES

- Turbine Manufacturer: Enercon GmbH
- Number of Turbines: up to 33
- Turbine Model: E-138 – 3.44MW NR2
- Hub height: up to 131m
- Blade Length: up to 69 m
- Turbine components manufactured in Germany, currently being delivered to the Port of Johnstown
- Turbines transportation will be comprised of approximately 19 loads per tower
- MECP approved that the turbines meet Condition A9 of the REA and are acoustically equivalent to the turbine contemplated in the REA permit as of August 16<sup>th</sup>, 2019 . The E-138 NR2 has a sound power level of 104.3 dBA, versus the previously permitted sound power level of 105.8 dBA





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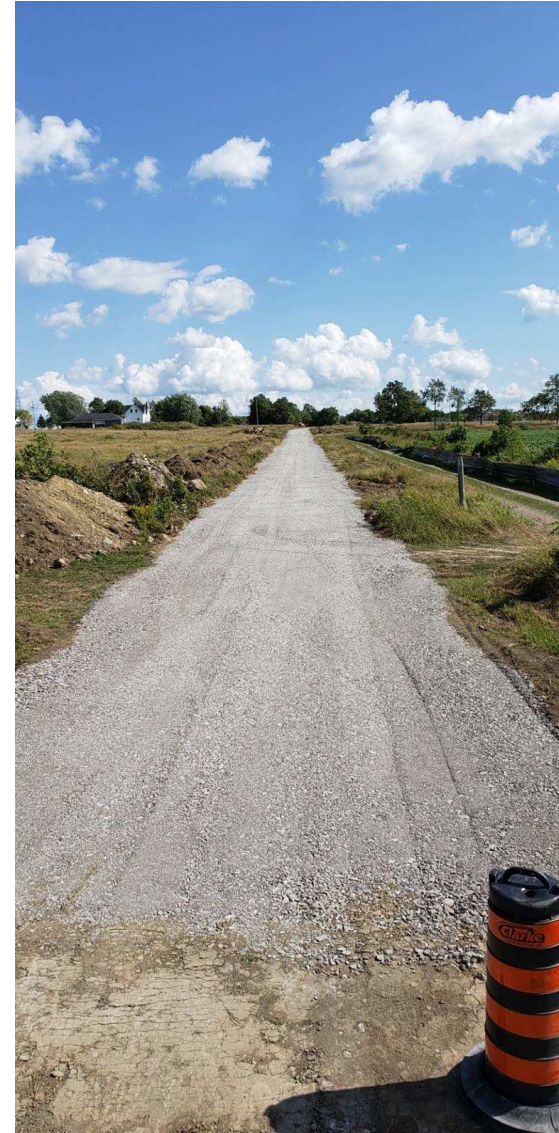
## CONSTRUCTION ACTIVITIES UPDATE

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## CONSTRUCTION PROGRESS – CIVIL WORKS

- Permanent Access Roads: 98% - Some road capping left to be completed
- Entrance Construction: 27/31 - 87% Completed
- Temporary Roads: 58% Completed





## CONSTRUCTION PROGRESS – FOUNDATION WORKS

- Excavations: 19/29 – 66% Completed
- Rebar Installation: 7/29 – 24% Completed
- Foundation Pours: 7/29 – 24% Completed





## CONSTRUCTION PROGRESS – COLLECTION INFRASTRUCTURE

- Cable Installation – 28% Completed
- Installation Methods
  - Directional Drilling
  - Rock Trenching
  - Plowing
  - Junction Box Installation



## CONSTRUCTION PROGRESS – SUBSTATION WORKS

### Civil Work

- Substation Excavation – 100% Completed
- Foundation Installation – 100% Completed
- Electrical House Installation – 100% Completed



### Electrical Work

- Steel Structure Installation – 90%
- Grounding – 90%







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## UPCOMING CONSTRUCTION ACTIVITIES

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- Transformer Delivery – Expected Week of September 9th
- Crane Mobilization – Expected Week of September 9th
- Tower & Blade Deliveries – Expected Week of September 16th
- Turbine Erection and Commissioning – Expected to begin shortly after turbine deliveries
- Continued Foundation Excavation and Foundation Work – Ongoing
- Continued Electrical Work (Collection, Substation) – Ongoing





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## PROJECT SCHEDULE UPDATE

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## CONSTRUCTION OVERVIEW AND TIMELINE

Construction Activity	Anticipated Start Date
Site Clearing and Preparation	Late February 2019
Access Roads to Turbine Locations	June 2019
Turbine Foundations	July 2019
Substation and Switchyard	June 2019
Underground Collection System	August 2019
Turbine Deliveries	September 2019
Turbine Installation	September 2019
Turbine Commissioning	October 2019
Land Restoration	Spring 2020
Commercial Operation	February 2020



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## MONTHLY CONSTRUCTION OPEN HOUSES

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## MONTHLY CONSTRUCTION OPEN HOUSES SUMMARY

- Two monthly construction open houses have been held since the last CLC meeting: Thursday, July 4<sup>th</sup> and Thursday, August 8<sup>th</sup>.
- Attendance at each meeting has been ~7-10 members of the public, 7-8 representatives from EDPR, ~2 CLC members and several members of media.
- EDPR has provided poster boards covering general construction topics, projected the current 2-day lookahead and expected construction work, and provided handouts such as project contact sheets and the public enquiry register.
- Both open houses were held at the Chrysler Community Centre from 6:00-8:00pm.
- Notices for the open houses have been posted on the project website, posted at the Township office, as well as advertised in the Chesterville Record, Indian Times, Nation Valley News, and Cornwall-Standard Freeholder. The August 8<sup>th</sup> open house notice was also distributed by e-mail to those who provided e-mail addresses on previous sign-in lists for REA and CLC meetings; this practice will continue for future open house events.
- CLC Discussion: EDPR is looking for guidance or discussion on open house location, timing, and ways to create more effective engagement at these meetings. The objective of the meetings is to provide updates on construction as well as an open forum for questions with interested members of the public.



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# PROJECT CONSTRUCTION UPDATES WEBSITE

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PROJECT CONSTRUCTION UPDATES WEBSITE: <https://updates.nationrisewindfarm.com>



## NATION RISE WIND FARM CONSTRUCTION UPDATES

Please note dates are planned and may change. Changes will be reflected in the next day update.

If you have any questions or comments, please contact the following:

Email: [nationrise@edpr.com](mailto:nationrise@edpr.com) Phone: (613) 240-0348

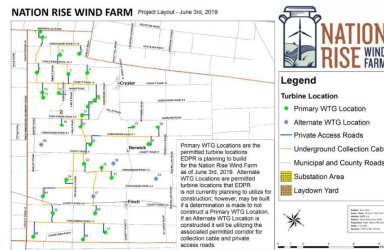
### 2-DAY LOOK AHEAD

Activities that are anticipated to be completed over the next two days:

- Road maintenance and structural bonding work at substation.
- Civil work at substation.
- Road Capping at ENT38, ENT39, T25
- Foundation Work at T1, T2, T4, T6, T9, T10, T12, T16, T20, T21, T23, T35
- Foundation Pour at T6, T16
- Pedestal Backfill at T1, T2
- Collection Work on Concession 11-12 Road, County

### ACTIVITY MAP

(CLICK IMAGE TO ENLARGE)



### CONTACT SHEET

[DOWNLOAD](#)

### THIS WEEK: SEPTEMBER 2ND - 7TH

The following items are scheduled for this week:

- Backfilling work at project substation off of County Road 13.
- Delivery of construction equipment and materials at Laydown on Forgues Rd.
- Further surveys and staking on private properties and public ROW.
- Continued road improvements
- Construction of access roads.
- Turbine foundation work.
- Installing foundation rebar.
- Directional drilling and collection activities.
- Installation of temporary bridges.
- Drain tile re-routes at foundations.
- Installing collection lines.

### NEXT WEEK: SEPTEMBER 9TH - 13TH

The following items are scheduled for next week:

- Backfilling work at project substation off of County Road 13.
- Delivery of construction equipment and materials at Laydown on Forgues Rd.
- Further surveys and staking on private properties and public ROW.
- Continued road improvements





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## PUBLIC ENQUIRIES

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### *First Public Enquiry:*

There has not been a lot of public participation in the CLC nor little in the way of timely communications from EDPR or CLC members other than from one councilor acting more in that role than on behalf of the CLC. There seems a disconnect between the stated mandate of the CLC members to [sic] “act as a liaison facilitating two way communications between the project and members of the public to ...” vs. the heading in the published CLC notices which say “Open to the Public for VIEWING” as well as the last paragraph which says that the “CLC meeting is open to the general public for OBSERVATION”. Why does the title and referenced paragraph seem to discourage 2-way communication and dialogue and can it/should it be restated to encourage the CLC mandate?

The Proponent has implemented a number of actions to encourage two-way communication. We are assuming that you are referring to the public notice when using the quoted verbiage in the above question. Please let us know if this is not the case. The CLC meeting summaries are provided on the project webpage, as required per the REA. Members of the CLC representing the public have been participating in conversations with the Proponent while asking questions about the project often. The CLC members have also act as liaison with the community on a daily basis by answering questions from local residents as they arise. The CLC meetings and open houses are also advertised on the project webpage, local media outlets and the township office to encourage public participation. Furthermore, the Proponent has held multiple open houses since requested by council on behalf of the township, which is going well beyond what is required or typical for a project of this size. The Proponent has also brought in a separate community liaison team member to service questions and community interactions in order to help facilitate communication with the public. Further to that, the proponent has provided a monthly tracker of enquiries with responses to the public, which can be found on the project webpage and in-person at the CLC meeting. The advertisement instructs members of the public to submit questions to be reviewed at the CLC meeting. This encourages 2-way communication between the Proponent, the CLC, and the member of the public. The Proponent does not agree that two-way communication is being discouraged.

## PUBLIC ENQUIRIES

### *First Public Enquiry Con't:*

I'm aware of at least one FOI for information by a member of the public has been opposed by EDPR at every step and has been deliberately dragged out despite an offer to accept blackout of all business sensitive information. My request for more detailed information on the ACTUAL foundation design for each turbine location and the substation was met with a response to submit a FOI to the township. Why can this information not be readily provided and if a FOI was submitted would EDP also oppose it?

As per the response to the MECP, the Proponent will not be able to provide the detailed engineering drawings of the turbines or associated foundation design as this information contains proprietary structural design information from the turbine manufacturer, which we are not allowed to disclose publicly. We can only provide the general quantity ranges for the foundations. In general, the amount of concrete per foundation footing will range between 859 cubic metres to 896 cubic metres. The total amount of rebar associated with each turbine footing will range between 80 and 91 metric tonnes. The proponent provided foundation drawings to the township as part of the building permit application.

## PUBLIC ENQUIRIES

### *Second Public Enquiry:*

Hello. As a member of the community I am concerned about openness and transparency in regards to the best interests of the community. As such I would appreciate full disclosure of all questions and complaints to date and your response or resolution and if not; why not. Please provide a response in a public forum without editing this question. Thank you.

All complaints received by the Proponent are submitted to the MECP as per the REA regulation (Condition W and X). The complaints submitted usually include private information regarding the individual making the complaint. The Proponent will not be releasing this information to members of the public in this forum. Should a member of the public want to view these complaints, we suggest contacting the MECP directly. Enquiries (questions) from the public are included in the enquiry register that can be found on the project webpage. We encourage members of the public to review the enquiries register and the REA Consultation Report for responses to questions that may have been previously addressed.



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## PROPOSED TOPICS FOR NEXT MEETING

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