

**APPENDIX M: NAV CANADA AND TRANSPORT CANADA LETTERS**



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January 17, 2019

Your file  
Pokeshaw Wind Farm, Ridge Road  
Our file  
18-4347

Mr. Dante Manchester  
IFE Renewable Energy Construcion  
5657 Spring Garden Road, Suite 700, Box 167  
Halifax, NS  
B3J 3R4

**RE: Wind Farm: 5 Wind Turbines - Pokeshaw, NB  
(See attached spreadsheet)**

Mr. Manchester,

NAV CANADA has evaluated the captioned proposal and has no objection to the project as submitted.

The nature and magnitude of electronic interference to NAV CANADA ground-based navigation aids, including RADAR, due to wind turbines depends on the location, configuration, number, and size of turbines; all turbines must be considered together for analysis. The interference of wind turbines to certain navigation aids is cumulative and while initial turbines may be approved, continued development may not always be possible.

In the interest of aviation safety, it is incumbent on NAV CANADA to maintain up-to-date aeronautical publications and issue NOTAM as required. To assist us in that end, we ask that you notify us at least 10 business days prior to the start of construction. This notification requirement can be satisfactorily met by returning a completed, signed copy of the attached form by e-mail at [landuse@navcanada.ca](mailto:landuse@navcanada.ca) or fax at 613-248-4094. In the event that you should decide not to proceed with this project or if the structure is dismantled, please advise us accordingly so that we may formally close the file.

If you have any questions, contact the Land Use Department by telephone at 1-866-577-0247 or e-mail at [landuse@navcanada.ca](mailto:landuse@navcanada.ca).

NAV CANADA's land use evaluation is valid for a period of 12 months. Our assessment is limited to the impact of the proposed physical structure on the air navigation system and installations; it neither constitutes nor replaces any approvals or permits required by Transport Canada, other Federal Government departments, Provincial or Municipal land use authorities or any other agency from which approval is required. Innovation, Science and Economic Development Canada addresses any spectrum management issues that may arise from your proposal and consults with NAV CANADA engineering as deemed necessary.

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**Olivier Meier | NAV CANADA**  
Manager - Land Use and NOTAM Office

cc ATLR - Atlantic Region, Transport Canada (2018-177 to 2018-181)



Transport Canada number #2018-177 to #2018-181
Applicant number

## AERONAUTICAL ASSESSMENT FORM FOR OBSTACLE EVALUATION

<b>SECTION 1</b>					
Owner's Name <b>IFE Renewable Energy Construction Inc.</b>			Contact Person <b>Dante Manchester</b>		
Address <b>5657 Spring Garden Rd. Suite 700, Box 167</b>					
City <b>Halifax</b>		Province <b>Nova Scotia</b>		Postal Code <b>B3J 3R4</b>	
Telephone number (999-999-9999) <b>902 482 1807</b>	Fax number (999-999-9999) <b>902-201-5400</b>	Email Address <b>dante.manchester@ife-eriksen.com</b>			
<b>SECTION 2</b>					
Applicant's Name <b>Same</b>			Contact Person		
Address					
City		Province		Postal Code	
Telephone number (999-999-9999)	Fax number (999-999-9999)	Email Address			
<b>SECTION 3</b>					
Description of Proposal (or as attached)					
<b>Five lighted and painted wind turbines to be situated along the Ridge Rd. near Pokeshaw, New Brunswick.</b>					
<b>Section 13: Nav lights are inspected and tested as part of routine annual maintenance. There is a backup light installed on the nacelle that turns on when the primary fails. Warnings are visible through the 24 hr SCADA monitoring when lights or dusk switches are faulty.</b>					
<b>SECTION 4</b>					
Nearest Community <b>Pokeshaw</b>			Province <b>New Brunswick</b>		
<b>SECTION 5</b>			<b>SECTION 6</b>		
Nearest Aerodrome <b>Pokemouche Airport - 25 km</b>			Have you contacted the aerodrome? <input type="radio"/> Yes <input checked="" type="radio"/> No		
<b>SECTION 7</b>			<b>SECTION 8</b>		
Notice of <input checked="" type="radio"/> New Construction <input type="radio"/> Change to existing structure			Duration <input checked="" type="radio"/> Permanent <input type="radio"/> Temporary		
<b>SECTION 9</b>					
Proposed Construction Date Beginning (yyyy-mm-dd) <b>2020-06-01</b>					
<b>SECTION 10</b>					
Temporary Structure From date (yyyy-mm-dd) _____ To date (yyyy-mm-dd) _____					

Transport Canada number  
#2018-177 to #2018-181

**SECTION 11**

Geographic Coordinates  NAD83  NAD27  WGS84 N Latitude deg \_\_\_\_\_ min \_\_\_\_\_ sec \_\_\_\_\_  
 For multiple structures in a grouping, submit geographical coordinates on a separate spreadsheet (e.g. windfarms, transmission lines) W Longitude deg \_\_\_\_\_ min \_\_\_\_\_ sec \_\_\_\_\_

**SECTION 12**

Marking and Lighting Proposed (refer to Standard 621)  
 Red lights and paint  Red and M.I. white lights  White M.I. lights  
 Red and H.I. white lights  White H.I. lights  No painting  
 No lighting  Paint marking only  
 Other (provide description): CL-864 (nacelle) & CL-810 (tower) lights, grey tower paint.

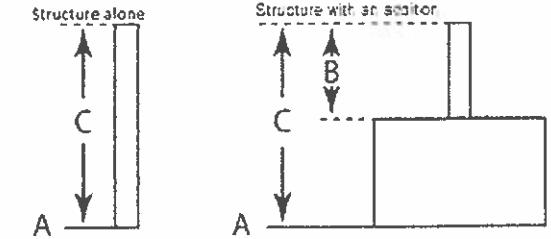
**SECTION 13**

Monitoring to Standard 621, article 4.7  
 Visual inspection – 24 hrs  <sup>1</sup> Remote indicator – failure alarm  Remote indicator – with self-diagnostic  
 <sup>2</sup> Other  
<sup>1</sup> Mitigation to be detailed in Section 3 <sup>2</sup> Justification to be given in Section 3

**SECTION 14**

Catenary/Cable Crossing  
 Paint supporting structures  Cable marker spheres  Shore markers  
 Support structure lighting  Cable marker lights

	Feet	Metres
<b>A</b> Ground Elevation (AMSL)		vary
<b>B</b> Height of an addition to a structure		
<b>C</b> Total structure height including B (AGL)		199 m
Overall height (A plus C) (AMSL)		vary



**SECTION 16**  
 Does the proposal comply with *Airport Zoning Regulations*?  
 Yes  No  N/A  
 Where the location of the object is on lands affected by *Airport Zoning Regulations*, a legal survey is required with the submittal.

I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge. Also, I agree to mark and/or light and maintain the structure with established marking and lighting standards as necessary.

**Dante Manchester**  
 \_\_\_\_\_  
 Name of person filing notice  
  
 \_\_\_\_\_  
 Signature

2018-10-10  
 \_\_\_\_\_  
 Date (yyyy-mm-dd)

**SECTION 17 – TRANSPORT CANADA ASSESSMENT (Transport Canada use only)**

Marking and lighting required (as per Standard 621)  
 Night protection required  Day protection required  Temporary lighting required  No protection required

ATS-18-19-00044793  
 #14667990

Completion of this form does not constitute authorization for construction nor replace other approvals or permits. See instruction E and F.  
 Civil Aviation Inspector Signature Date (yyyy-mm-dd)  
 C. Bugden 2018-11-05

Note 1: This assessment expires 18 months from the date of assessment unless extended, revised, or terminated by the issuing office.  
 Note 2: If there is a change to the intended installation, a new submittal is required.





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Z-LDU-100 Version 18.5 12 September 2018

**Obstacle Information for Assessment**

**Upon completion**

Obstacle ID	LAT	LONG	Ground	Structure	Total	Lighted	Painted	Construction	
	dd mm ss.ss	-ddd mm ss.ss	Elevation (Feet)	Height (Feet)	Height (Feet)	Y/N	Y/N	Date	
<b>Example 1</b>	<b>60 39 16.59</b>	<b>-110 36 14.01</b>	<b>2162.5001</b>	<b>463.0001</b>	<b>2625.5002</b>	<b>Y</b>	<b>N</b>	<b>15-Jun-07</b>	
WT1	47 46 14.48	-65 13 38.30	114.8350	656.2000	771.0350	Y	Y	Summer 2020	TC# 2018-177
WT2	47 46 27.06	-65 13 25.82	104.9920	656.2000	761.1920	Y	Y	Summer 2020	TC# 2018-178
WT3	47 46 40.79	-65 13 17.61	91.8680	656.2000	748.0680	Y	Y	Summer 2020	TC# 2018-179
WT4	47 46 36.17	-65 12 56.89	85.3060	656.2000	741.5060	Y	Y	Summer 2020	TC# 2018-180
WT5	47 47 02.95	-65 13 11.10	75.4630	656.2000	731.6630	Y	Y	Summer 2020	TC# 2018-181

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