

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de
la Protection de la nature et des Parcs

Environmental Assessment and
Permissions Branch

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February 5, 2020

To: John O'Neill
Pattern Energy Group Inc.
1201 Louisiana St. Suite 3200
Houston, TX 77002
United States of America

RE: **North Kent Wind 1 Project**
Acoustic Audit Reports – Condition F
Renewable Energy Approval (REA) #5272-A9FHRL

Dear Mr. O'Neill,

I have completed my review of the following acoustic emission audit (E-Audit) reports and supporting documents, prepared by Aercoustics Engineering Ltd. which addressed the emissions from the Facility:

A) E – Audit reports and additional letter entitled:

- A1. "North Kent Wind 1 LP – Turbine T33 IEC 61400-11 Edition 3.0 Measurement Report – Revision 2" dated July 19, 2019, signed by Ibbtida Khan, Addie Denison, P.Eng., and Payam Ashtiani, P.Eng.; and
- A2. "North Kent Wind 1 LP – Turbine T36 IEC 61400-11 Edition 3.0 Measurement Report – Revision 2" dated July 19, 2019, signed by Daniel Eduardo Adarve Villanueva, Addie Denison, P.Eng., and Payam Ashtiani, P.Eng.; and
- A3. "North Kent Wind 1 LP – Turbine T06 IEC 61400-11 Edition 3.0 Measurement Report" dated May 27, 2019, signed by Daniel Eduardo Adarve Villanueva and Addie Denison, P.Eng.; and
- A4. "North Kent Wind Power Project – Emission – MECP Response" dated July 19, 2019, signed by Daniel Eduardo Adarve Villanueva, Allan Munro, P.Eng., and Payam Ashtiani, P.Eng.; and
- A5. Additional email correspondence dated November 8, 2019.

B) Review of E-Audit Reports

By means of this letter, it is acknowledged that the Facility has fulfilled the requirements associated with the Condition F (i.e. the E-Audit condition) of the Renewable Energy Approval (REA) #5272-A9FHRL dated June 29, 2016. As stated in the Acoustic Audit Reports for turbines T33 and T36 (items A1. And A2. Above) dated July 19, 2019 and turbine T06 (item A3 above) dated May 27, 2019, the maximum apparent sound power levels of the test turbines comply with the sound levels in REA # 5272-A9FHRL and Section E3.1 of the MECP Compliance Protocol for Wind Turbine Noise.

In accordance with Sections E3 and E5 of the 2017 Compliance Protocol for Wind Turbine Noise (Protocol), your firm will be required to **post the acoustic E-audit reports**, on the project website **within ten (10) days** of the date on this letter. The acoustic audit reports, and any updates must be made available to the public on the project website for the life of the project.

If you have any questions regarding the above, please contact me.

Yours truly,



Mahdi Zangeneh, PEng, PhD
Senior Noise Engineer

Ministry of the Environment, Conservation and Parks (MECP), Environmental
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cc: Mohsen Keyvani, PEng, Manager – Renewable Energy, Waste (A), EAPB
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