

November 27, 2013

Mr. James Damon
OwnEnergy, Inc.
45 Main Street
Suite 536
Brooklyn, NY 11201

Subject: Copenhagen Wind Project
Noise Model Update

Reference: P-112713-0

Dear Mr. Damon:

We have received the updated site layout (as of 10/14/13) now showing 47 GE 1.7-100 turbines (vs. the previous 63 GE 1.6-100 units) and have revised the noise model for the project. The new sound contours are illustrated in **Plot 1** (attached).

Although there is no physical difference between the 1.6-100 and 1.7-100 turbine models, the sound power level warranted by the manufacturer for the 1.7-100 has increased by 2 dBA to 107 dBA re 1 pW. It is unclear why the sound level would be different, or if it is actually different, but the new plot assumes this higher sound level. In general, this small increase in source level largely counteracts the noise reduction that would otherwise have occurred due to the elimination of 16 units, or 25% of the original project. The net result is that the conclusions expressed in our assessment report (Report 1918-062012-0, "Environmental Sound Survey and Noise Impact Assessment, dated 6/22/12) would generally remain unchanged and valid. It should be added, however, that the elimination of a string of 5 units at the western end of the project along Hayes Road will greatly reduce the sound levels from the project in that area.

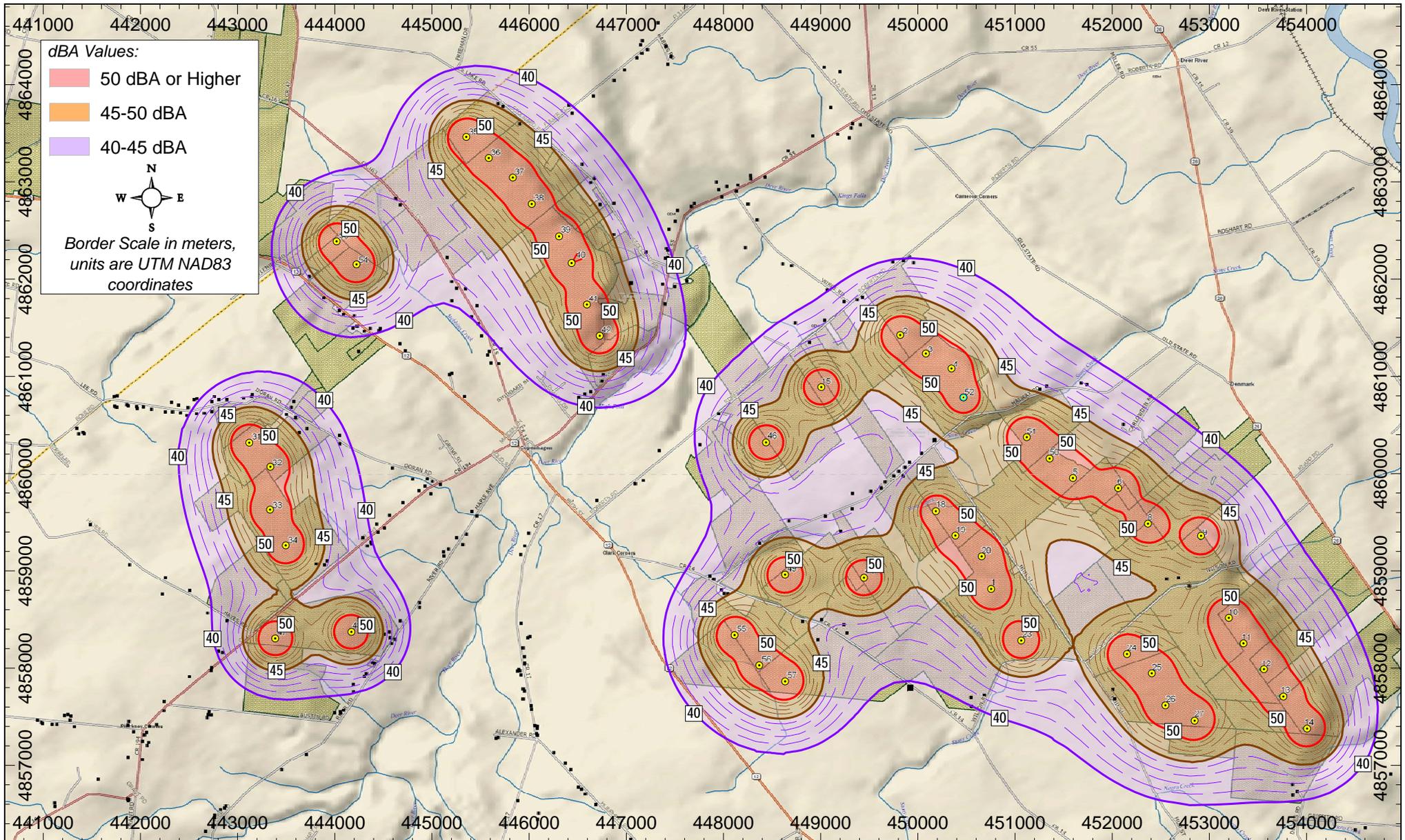
Of course, please let me know if you have any questions or if you need any further information.

Sincerely,



David M. Hessler, P.E., INCE
Principal Consultant
Hessler Associates, Inc.

Attachment: Plot 1, Rev. G



Project: **Copenhagen Wind Farm**

Prepared for: **OwnEnergy**

Date: April 29, 2014

Drawing #: OC-Rev-M-1-1

Description: **Plot 1**

Predicted Sound Contours (dBA) of GE 1.7-100 Turbines with an Omnidirectional 7 m/s Wind or greater

Legend:

- Turbine Location
- Nearby Structure
- Participating Property

Hessler Associates, Inc.

Consultants in Engineering Acoustics

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