

ROXWIND

15.2 MW Wind Facility, Roxbury, ME

RoxWind LLC
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VIA ELECTRONIC MAIL

May 30, 2018

Erle Townsend
Policy Development Specialist - Energy Regulation
Department of Environmental Protection
State House Station #17
Augusta, Maine 04333

Re: RoxWind LLC, #L-27863-NJ-B-N and #L-27863-TG-C-N, Roxbury, ME
Response to DEP Email Dated May 21, 2018

Erle,

This letter is written in response to your email dated May 21, 2018. Thank you for your initial review and acceptance of our applications for a Stormwater permit and a Natural Resources Protection Act (NRPA) permit. In response to the questions raised in your email, we offer the following responses:

1. *I have a few requests for additional information at this time. I appreciate the rolled plans included with the submission, I vastly prefer them to the reductions in the booklets, and to folded sheets. However, I would still like one set of folded full-size sheets for the permanent file.*

Response: The folded set of plans was provided to DEP on May 22, 2018.

2. *Please provide a series of cross-sections (electronic files are fine for now) at 100-foot intervals showing the extent of construction including toe of fill and edge of cut for the section of the access road from 148+00 through 182+00. How will you prevent the cut from dewatering the wetland area in the vicinity of Turbine #3?*

Response: The cross sections from stations 148 to 182 are included as an attachment to this letter. Regarding your question about dewatering in the vicinity of Turbine #3, it appears as though there could be some dewatering. We suggest that this question bears closer examination during our site visit on June 11, 2018.

3. *Stream KK is identified as perennial on page 17 (reference to Photo 5) and page 18 of the Kleinschmidt report in what appears to be Appendix 4-B of the Small Scale Wind application; but on page 20 of that report, in Table 3-6, Stream KK is listed as intermittent. Which is correct?*

Response: Stream KK should be listed as an intermittent stream. There is a typo in the photo label of the report.

4. *When was the area last logged?*

Response: The summit was selective cut approximately 2 years ago.

5. *The scenic resource assessment lists the Swift River and the West Branch of the Ellis River as SRSNSs within 8 miles of the project, and lists project visibility as "unlikely" (chart, p. 19 of the VIA). There are at least three areas where it appears that project visibility is at least possible, if not probable. On the Swift River there is a large beach or sand bar at 44.36.35N – 70.34.30W*

with what appears to be an open line of sight towards the project; and the braided channels in the area around 44.41.32N – 70.36.21W appear to be within the “4 turbines visible” area on the Landcover Viewshed For Blades map (Map 4 of 9) in the VIA. On the West Branch of the Ellis, there is a moderately large beach or sand bar at 44.38.23N – 70.44.50W that also may have views of the project. Have these areas been checked individually for visibility?

Response: Our response to each of these areas is as follows below. We have included as an attachment to this letter some illustrations that demonstrate the turbine visibility from each of these locations. To the extent that additional fieldwork is required, we are in the process of scheduling this work to occur in the near future.

SWIFT RIVER

1. On the Swift River there is a large beach or sand bar with what appears to be an open line of sight towards the project: **44.36.35 N, 70.34.30 W**

TJDA COMMENT: After reviewing this location using Google Earth and 3ds Max it appears that all four proposed Roxwind turbines (nacelle and blades) may be visible at a distance of 2.1 to 2.4 miles. All three TJD&A viewshed illustrate the visibility of four turbine. See PDF. Fieldwork is needed to confirm.

2. Area of the braided channels appears to be within the “4 turbines visible” area on the Landcover Viewshed For Blades Map (Map 4 of 9) in the VIA: **44.41.32 N, 70.36.21 W**

TJDA COMMENT: After reviewing this location using Google Earth and 3ds Max it appears that the nacelles and blades of three turbines and the blades of one turbine may be visible at a distance of 4.7 to 5.5 miles. All three TJD&A viewshed illustrate the visibility of four turbine See PDF. Fieldwork is needed to confirm.

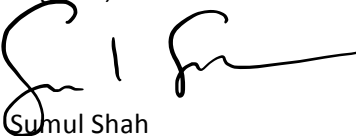
WEST BRANCH OF THE ELLIS RIVER

1. Moderately large beach or sand bar that also may have views of the project: **44.38.23 N, 70.44.50 W**

TJDA COMMENT: After reviewing this location using 3ds Max it appears that Roxwind proposed turbines would not be visible. The turbines are at a distance of 6.5 to 6.6 miles from this viewpoint. Topography for Blades viewshed map illustrates the visibility of three turbines. Landcover for Blades and Landcover for Nacelles viewshed illustrate no visibility. See PDF.

Please don't hesitate to reach out if you have any questions about this response. I can be reached at sumul@solayaenergy.com or at 781-389-4671.

Regards,



Sumul Shah

CC: Lindsay Deane-Mayer, Palmer Capital