



Department of Health
Three Capitol Hill
Providence, RI 02908-5097
TTY: 711
www.health.ri.gov

June 25, 2021

Energy Facilities Siting Board
RI Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888
401-941-4500

Dear Members of the Energy Facilities Siting Board,
I am writing to provide the Rhode Island Department of Health's advisory opinion regarding the proposed Revolution Wind offshore wind electrical generation project (Docket No. SB-2021-01). Based on the currently available information, RIDOH doesn't anticipate any adverse human health effects from the proposed project.

Offshore wind has less potential for human health effects than other types of electrical generation. While there may be some potential for exposure to electric and magnetic fields from onshore transmission lines, that risk will be encountered with any electrical generation project and the measures being proposed to minimize risk appear sufficient. According to the Environmental Report submitted with the application, given the cable's design and burial underground, the associated electric and magnetic fields are not anticipated to be encountered above the ground. Based on the information provided, it appears that there will not be any biological effects from the electric and magnetic fields produced by this project, including from transmission lines and the substation.

All of the proposed work is outside any wellhead protection area and is not anticipated to impact drinking water quality.

Overall, the proposed project does not have anticipated human health consequences. RIDOH supports efforts to develop new sources of renewable electrical generation in Rhode Island.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael C. Byrns".

Michael C. Byrns
Principal Environmental Health Risk Assessment Toxicologist

(630) 716-0345 (c)
michael.byrns@health.ri.gov

