

July 7, 2021

Large Wind Farm Information for DeRuyter Town Board

Viewshed:

The viewshed of a 700' wind turbine, as proposed by Borrego to be located in the field at the top of Tucker Rd. is shown below:



All areas in light green would be able to see some portion of the turbine. The Google Earth Pro app was used for this analysis.

It is anticipated that the viewshed would also extend for miles in every direction, affecting Cazenovia, Fabius, and Pompey, and be visible from Fenner, as the Fenner wind turbines are easily visible from this field at present.

The US Department of Energy, in an effort to fast track large wind turbine projects, has already developed extensive and comprehensive reports to combat the possibility of the viewshed issue from stopping a large wind farm project. It is clear that the viewshed issue was anticipated, and a strong defense of large wind turbines has been mounted. Here are a couple of these reports:

- https://www.energy.gov/sites/default/files/2018/09/f55/EA-2045_Appendix_V-1_Cultural_Resources_Effects_Analysis.pdf
- <https://www.cesa.org/resource-library/resource/a-visual-impact-assessment-process-for-wind-energy-projects/>

I have also reached out to representatives of other communities that are fighting against the installation of large wind turbine projects, and will add their information when received.

Additionally, here are some helpful links regarding adverse health effects and lower property values due to large wind turbine installations:

- Adverse health effects of large wind turbines:
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3653647/>
- Wind turbine affects on property value: <https://www.wind-watch.org/news/2018/04/04/wind-turbines-affect-property-values/>
- Wind turbines affects on property value:
<https://www.windturbinesyndrome.com/2014/wind-turbines-definitely-lower-local-property-values-the-only-question-is-how-much/>