

October 13, 2022

Re: OPSB Case No. 21-1231-EL-BGN Fountain Point Solar Project

Dear Ohio Power Siting Board:

Logan County Electric is our rural electric company. They conducted a test comprised of 152 solar photovoltaic panels at their office in Bellefontaine, Ohio. The 152 panels are rated at 50 kW. This means the array's peak power-generation capacity is 50 kW of direct current electricity. Energy is lost during the inversion process, causing a maximum generation capacity of 40 kWh of AC electricity.

Logan County Electric concluded that their test solar array does not always produce the max 40 kWh. Of the 3,860 hours the array produced electricity, the average electricity produced by each solar panel was only 1.09 kWh of electricity per day.

If there were 20 panels in their array, they would have produced an average of 22 kWh of electricity per day. But it varies widely throughout the year. Some days, 20 solar panels would produce an insignificant .3 kWh and other days they would produce 42 kWh. In the cold months of winter, they average just .7kWh each day.

Logan County Electric's test array clearly shows that solar does not work in this area and therefore this project does not meet the public interest, convenience, and necessity and should be denied.

Regards,

Donald Carter  
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10/13/22

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Summary: Public Comment of Donald Carter, via website, electronically filed by  
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