

**House Energy, Utilities & Telecommunications Committee**

**Thursday, March 16, 2023 – 9AM**

**Testimony in support of SB 49**

**Lisa M. Moser, Marshall County Resident and State  
Representative for Kansas House District 106**

Chairman Delperdang, Vice-Chairman Turner, Ranking Minority Leader Ohaebosim, and members of the House Energy, Utilities and Telecommunications Committee, thank you for allowing me to testify today in support of SB 49.

I am Lisa Moser, Representative for House District 106, and resident of Marshall County, where the Irish Creek wind system was built just to the northwest of our family ranch in 2020. My husband and I have enjoyed raising cattle and kids together for forty-one years. I am an outdoor enthusiast, and I have a profound appreciation for God’s creation, earth, sea, and sky and all that are in them. Today I will share with you how “wind” has surrounded us, and substantially altered the vista that I and my neighbors have enjoyed for years, as I stand in support SB 49. A result of this legislation will be to mitigate the constant nighttime blinking of the red lights atop the turbines.

In 2016, Marshall Wind Energy LLC, finished construction of a small wind system approximately 20 miles due north of our headquarters. The wind turbines there numbered thirty-six.

Fast forward to November 2020, when one hundred twenty turbines were powered up in the Soldier Creek Wind System

around the thriving community of Corning in Nemaha County, approximately 30 miles due east of our home and ranch headquarters. The year 2021 saw the construction of Irish Creek Wind in Marshall County. The southeastern edge of Irish Creek Wind is a mere four miles from our home. Its one hundred nine turbines stretch north approximately nine miles and west about sixteen miles.

Sitting on the deck on the north side of our home, I see three wind farms at night. Red lights blink in various cadences, each wind system having its own unique rhythm of lights. First learning about the Aircraft Detection Lighting Systems, (ADLS) from family in North Dakota and then doing research with the help of District 106 constituents these past two years, I am convinced that installing Aircraft Detection Lighting Systems technology on wind turbines would aid in the restoration of natural twilight and nocturnal beauty to all who currently experience the distraction of red, blinking lights in the evening and night sky. We see the towers all day every day. To restore the night sky, with the moon and the stars undisturbed in their beauty, would be a momentous gesture of good will by the wind companies and would benefit thousands of Kansans who live inside the footprint of and under the noticeable umbrella of all existing Kansas wind systems.

Pending approval of ADLS applications by the FAA, timely retrofitting of lighting systems on existing turbines should occur as soon as upgrade plans are finalized. Maintenance of said lighting systems should be the responsibility of the wind company. Wind systems have come online in different years,

necessitating potentially different upgrading processes based on the age of the turbines. Initial upgrades to the most recently constructed wind systems will allow greater time to modify processes as needed for upgrading the older farms to ADLS technology.

Thank you for the opportunity to testify. I will stand for questions at the appropriate time.

Regards,  
Lisa M. Moser