

**Testimony to House Committee on Climate, Energy, and Environment  
Oppose HB 3247**

March 7, 2025

Dear Chair Lively, Vice-Chairs Gamba and Levy, and Members of the Committee,

My name is Dr. Daniel Frye, I organize with MCAT (Mobilizing Climate Action Together), a community of volunteers working to advance a healthy climate and a successful green economy for future generations.

**I write today in strong opposition to HB 3247** for two simple reasons:

- The bill misunderstands how complex systems achieve reliability.
- The bill is designed to prevent growth in wind and solar electrical generation.

**Reliability as system attribute.** In my career as an Information Technology executive I led software engineering teams with world-class expertise in designing and delivering reliability, availability and serviceability (RAS) attributes into complex computing systems for use in some of the world's most complex computing environments. While I do not personally have that expertise, I learned from our RAS experts that reliability (as well as the a&s partners) is a **system** attribute. It is not an attribute gained solely gained from the accumulation of reliable components. Electrical generation is such a highly complex system and reliability depends on designing the **system** to be reliable, not stating that a string of 80% reliable components is inherently reliable. It isn't! System design work should be done by systems engineers with the skill and experience to design and manage complex systems with the necessary RAS capabilities.

**Preventing wind and solar growth.** The bill is not designed to provide a reliable electrical grid, it is designed to stop Oregon's progress along the path to a renewable energy future. We should not be contemplating abandoning our hard-won climate goals.

**I urge rejection of HB 3247 by the Committee.**

Sincerely,

Daniel D. Frye, PhD  
MCAT (Mobilizing Climate Action Together)