

Submitter: Sara Edwards
On Behalf Of:
Committee: House Committee On Climate, Energy, and Environment
Measure, Appointment or Topic: HB4046

I was encouraged by an "Environmentalist" Organization to oppose this bill, but I support it 100 percent.

The only reason I can fathom this organization wished for me to oppose this bill was because they wanted to protect ineffective, expensive, wasteful and established Climate power structures that capitalize from Wind and Solar power.

Those sources of energy have proven to have a very high cost in terms of money and harm to the environment. Not only have they killed birds and sea life, but they create copious and harmful landfill waste.

Google Gemini summarizes the following:

"Based on current data, solar power produces more landfill waste by volume than wind or nuclear, largely due to decommissioned solar panels, with ~90% ending up in landfills. While nuclear produces minimal, highly dense waste, and wind blades present significant disposal challenges, solar waste is expected to be more substantial, though all three are lower than coal"

Here is another excerpt from Google Gemini:

"Wind turbines and solar power installations kill hundreds of thousands to over a million birds annually in the U.S., along with hundreds of thousands of bats. Studies estimate wind turbines cause 140,000–680,000 bird deaths annually in the U.S., while large solar projects, such as in California, cause tens of thousands of avian deaths. "

While there are some old scientific studies that seem to dispute this data and claim that Nuclear kills more birds and bats, the data has been distorted to keep wind and solar projects in the forefront and nuclear advocates dispute their findings:

"The end result is not too surprising – wind power kills lots of birds and bats, by factors of ten more than nuclear power. It's a major concern and is one reason we stretch the point by claiming wind is "clean" energy. "

<https://atomicinsights.com/nukes-kill-more-birds-than-wind/>

Nuclear has been shown to be a cleaner alternative to all forms of power and with the

current research underway for Fusion energy, it will also be the safest.

I support this bill to research nuclear power to allow low cost electricity and reduce the need for poor Oregonians to rely on woodstoves in the winter for heat. This will help us to have cleaner air in the winter since the State doesn't seem to care that people in my area are basically polluting ourselves into an early grave with wood stove emissions due to high electricity cost and forest fire smoke every year now. Giving us clean, low cost energy would go a long way to reducing our year round particle emissions where minorities and poor are disproportionately impacted.
https://www.lung.org/research/sota/city-rankings/msas/medford-grants-pass-or#annual_pm

Medford/Grants Pass received the following rating from the American Lung Association:

Ranked 130 worst for high ozone days out of 228 metropolitan areas

Ranked 11 worst for 24-hour particle pollution out of 225 metropolitan areas

Ranked 17 worst for annual particle pollution out of 208 metropolitan areas

Obviously pacific power would be upset to have to reduce their outages rates if nuclear power provided our energy, but it would be better for the poorest in our State to have access to the clean, zero emission power that nuclear would provide.