

Testimony in Support of EV Battery Recycling

Good afternoon, Chair and Members of the Committee. My name is Caitlin Gatchalian, and I serve as the Nevada Representative for the Southwest Energy Efficiency Project.

I am here today in support of **AB 493**, a policy that promotes electric vehicle (EV) battery recycling and second-life applications. With Nevada leading the nation in clean energy innovation, investing in a circular economy for EV batteries is a critical step toward reducing emissions, strengthening our local economy, and securing our domestic supply chain.

Recycling and repurposing EV batteries can recover up to 95% of key materials, significantly reducing the demand for newly mined minerals and cutting greenhouse gas emissions by 40% compared to manufacturing new batteries. Additionally, studies show that for every 1,000 tons of lithium-ion batteries collected, 15 new jobs are created – supporting Nevada’s growing clean energy workforce.

By supporting policies such as **Extended Producer Responsibility** and **Recycling Efficiency Standards**, we can further incentivize battery collection and recycling while reducing the environmental and social impacts of mining. This approach not only protects our natural resources but also makes Nevada a national leader in battery recycling innovation, driving new economic opportunities in our state.

I urge your support for AB 493 and policies that will accelerate EV battery recycling and help create a cleaner, more sustainable future for Nevada.

Thank you.