

**Written Testimony in Support of Resolution 23-163, CD1  
With Proposed Amendments to Expand EV Charging Infrastructure  
Submitted to the DRIP Committee – June 17, 2025**

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## **I. Statement of Support**

Aloha Chair and Members of the DRIP Committee,

I submit this testimony in **support of Resolution 23-163, CD1**, which represents a meaningful step toward improving electric vehicle (EV) infrastructure in Maui County. This resolution affirms the County of Maui's collective responsibility to prepare for an electrified future and expand clean transportation options. However, I urge the Committee to adopt **key amendments** to ensure this policy is not only symbolic but **substantively aligned with the county's climate goals, visitor demands, and future infrastructure needs**.

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## **II. Reasons for Support**

1. **Encourages clean transportation infrastructure** in new development.
2. **Establishes minimum EV stall requirements**, ensuring some baseline readiness.
3. **Aligns with state and county decarbonization goals**, such as Act 100 and the Clean Energy Initiative.
4. **Creates clarity** for developers on EV requirements going forward.

**However, the proposal as written only requires 2 EV stalls per 50, which equates to just 4%. This lags far behind projections for EV adoption by residents and visitors within the next five years. If unamended, this policy will underbuild critical infrastructure and shift the burden onto taxpayers or property owners in the future.**

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## **III. Proposed Amendments and Justification**

<b>Proposed Amendment</b>	<b>Rationale</b>
Increase EV stall requirement to <b>5 per 50</b> (10%)	Aligns with statewide EV adoption trends projected by 2027
Require <b>EV conduit readiness</b> for all new stalls	Prevents expensive retrofits; supports scalability
Require <b>25% EV stalls</b> for projects >200 spaces	Meets climate goals; matches dense or high-impact development

Proposed Amendment	Rationale
Require <b>15–25% EV stalls</b> for hotels, malls, airports	Supports EV tourism, rental demand, and high-turnover areas

These amendments are grounded in **fiscal prudence** (build smart now to avoid costlier changes later), **climate adaptation**, and **public readiness**. Tourists arriving by EV rental or residents owning EVs will increasingly expect access to functioning charging systems at hotels, malls, and public venues.

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## IV. One-Page Policy Summary

### Maui County EV Parking Infrastructure Policy Brief

#### Amendments to Resolution 23-163, CD1 Prepared for DRIP Committee – June 17, 2025

**Goal:** Build future-ready parking infrastructure to support Hawai‘i’s climate targets and Maui’s unique economic and tourism needs.

#### CD1 Proposal Summary:

- Requires 2 EV charging stalls per 50 parking stalls (4%)
- Applies to new places of public accommodation
- EV chargers must be operational

#### Problems with CD1 as Written:

- Underbuilds for Hawai‘i’s 2030 target of 25% EV penetration
- No requirement for conduit infrastructure
- Fails to address high-use zones like hotels and airports

#### Recommended Amendments:

Amendment	Justification
5 EV stalls per 50 (10%)	Reflects short-term demand growth; matches state trends
All stalls conduit-ready	Supports scalable infrastructure; minimizes retrofit cost
25% EV stalls for >200-space lots	Critical for large developments and urban-scale readiness
15–25% EV stalls in high-traffic zones	Supports tourism, rental EV use, and clean mobility goals

#### Benefits:

<b>Metric</b>	<b>With Amendments</b>	<b>Without Amendments</b>
Infrastructure cost	Lower long-term	High retrofit costs
Developer burden	Moderate, phased	Low upfront only
Climate compliance	Strong	Weak
Tourism readiness	High	Minimal

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## **V. Conclusion**

I strongly support the spirit and structure of Resolution 23-163, CD1, but urge the Committee to strengthen its impact. Amending this policy now is the most **fiscally responsible, environmentally necessary, and strategically sound** path for Maui County. It demonstrates that we are not just reacting to climate change but planning wisely for the future.

Mahalo for your consideration and service to our community.

**Respectfully submitted,**

Edward Codelia

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