

**PIENAAR ENERGY (PTY) LTD**

# Charging stations controversy



## Overview

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Public electric vehicle charging stations in America have a bad reputation. do not work properly, creating a significant challenge for the Biden administration's agenda and a shift away from gasoline-powered cars. Difficulties with EV fueling aren't encountered everywhere. But they're common in areas where the government is. President Biden is spending \$7. While Biden apparently is unhappy with the progress so far, it turns out many of the. New University of Washington research explores how people's perception of public charger reliability impacts their willingness to buy an electric vehicle.

## Charging stations controversy

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### EV Charger Hacking Poses a 'Catastrophic' Risk

In recent years, security researchers and white-hat hackers have identified sprawling vulnerabilities in internet-connected home and public charging hardware that could expose customer ...

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### Concerned driver calls out disturbing trend at EV charging stations

A frustrating experience with vandalized EV charging stations at Aldi sparked a heated conversation.

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### What Makes EV Charging Stations Fail?

Now a new study offers national data pinpointing the specific reasons for public charging station failures. It's part of a broader white paper released today, Electrification 2030, that

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## Inconsistent charging stations

## hinder EV adoption - UW News

Public electric vehicle charging stations in America have a bad reputation. They're notorious for breaking down, charging at a snail's pace, refusing customer payment and leaving ...

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## Thieves are targeting EV charging stations , AP News

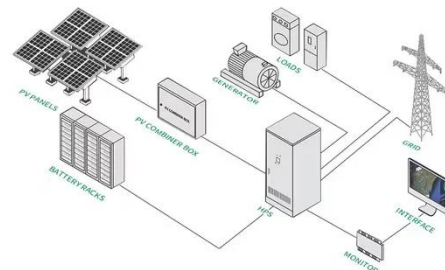
Charging stations have been hit particularly hard by thieves who likely want to sell the highly conductive copper wiring inside the cables at near-record prices.

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## Why are so many EV charging stations broken in California?

Politicians, EV drivers, automakers and California taxpayers wonder how California's ambitious climate targets can be reached if public charging remains unpredictable.

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## Why Public EV Charging Sucks ... and What's Being Done to Fix It

Even at EV chargers that are operational,



it's common to encounter frustrating issues such as false starts, payment declines, and charging sessions that are inexplicably cut short.

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## Major sticking point to buying an electric vehicle is the lack of

More than half of all Americans say they're at least thinking about an electric vehicle for their next car purchase. MICHEL MARTIN, HOST: But they want to know, where will they plug them ...



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## Why America's EV chargers keep breaking

Government Steps in A Product Not For Customers What Goes Wrong A Solution, of Sorts A Data Void One reason today's charging stations don't work very well is their strange evolution as a consumer product. Like EVs themselves, charging stations first arrived on the roads not because customers sought them out, but because regulators required them. In the early 2000s, the California Air Resources Board demanded that automakers sell EVs to partici See more on politico



## Videos of charging stations Controversy

Watch video2:56Waymo ordered to stop overnight charging KTLA 5167.7K views2 months agoWatch video18:36Why Tesla Superchargers Are BLOCKING Non-Tesla Vehicles Dave Takes It On27.9K views9 months agoWatch video on USATODAY0:50Common etiquette at a public electric vehicle charging stationUSATODAYKeenan Thompson,Justin Wan21 hours agoWatch full videoMSN

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## Biden's Massive EV Charging Station Failure

The paucity of EV charging stations built in three years under Biden's National Electric Vehicle Infrastructure program shows how conflicting the various regulations and executive orders ...

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- LiFePO<sub>4</sub> Battery, safety*
- Wide temperature: -20~55°C*
- Modular design, easy to expand*
- The heating function is optional*
- Intelligent BMS*
- Cycle Life:> 4000*
- Warranty:10 years*



## Why America's EV chargers keep breaking

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the U.S. do not work properly, creating a significant challenge for the Biden administration's agenda and a shift away from gasoline-powered cars .

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