A Conceptual Electric Vehicle Charging Station

Suzette DeCruize, COO
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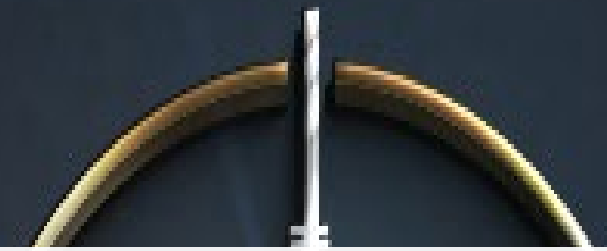
Executive Summary

POWER EV Station is a stand-alone covered EV stations with multiple DCFC chargers using the gas station model layout to provide on-the-go electrical vehicle owners with fast charging times.

We will use the fastest level three chargers to give back consumers their time. They'll be in and out in 15-30 minutes from our safe and secure locations.

The electric vehicle (EV) charging industry is part of the broader EV ecosystem and is currently valued at approximately $30.7 billion as of 2023. This market is projected to grow significantly, with a compound annual growth rate (CAGR) of 27.5%, potentially reaching around $276.9 billion by 2032.

PROBLEM



LOCATING A CHARGING STATION

Finding a safe brightly lit station while in need to charge up is stressful for EV drivers.

STATION CONNECTIVITY

More than half of all charging failures come from a station not being able to connect to its network for authentication.

CHARGING TIMES

86% of public EV charging stations are **Level 2** which takes 1-10 hours depending upon the type of EV vehicle.

CHARGING CONNECTOR & CABLE

No Power; Intermittent Charging
Slow Charging
Corrosion

PROBLEM

SOLUTION

CONNECTIVITY

POWER EV stations will be connected using hard-wired communications cables. This will eliminate connectivity issues that arise from validating a customer or a payment method.

LOCATION LOCATION LOCATION

Market research we will allow us to strategically place stations in the heavy saturated areas of EVs Ownership. Our stations will be easily accessible on Power EV app and the apps of our Charging Units Providers.

CHARGING TIMES

Our stations are equipped with DC fast chargers which are the most robust of the three types of chargers and charges with 480+ volts. DCFC can deliver a full charge in approximately **15-30 minutes.**

MARKET OVERVIEW

U.S. ELECTRIC VEHICLE (EV) MARKET

GLOBAL STATISTICS

Market value (2022)
$49.1 BN

Market value (2032)
$3.95 BN

CAGR (2023-2032)
>15.5%

SEGMENT STATISTICS

Passenger cars segment Share 2022
>84%

California EV market Value 2022
$18.2 BN

Global Market Insights

MARKET OVERVIEW

In 2023, the global EV charging infrastructure market was valued at approximately $23.4 billion. This growth is being driven by increasing EV adoption, rising government incentives, and the global push for renewable energy integration.

Looking forward, the TAM for EV charging infrastructure is expected to grow at a compound annual growth rate (CAGR) of around 20% to 23%, potentially reaching over $70 billion by 2028.

Competitor Analysis

Aspect	Evgo	Blink Charger	POWER EV Station
Reliability and Maintenance	Stations being out of service	Experiencing Downtime	Onsite Tech Attendants, Remote diagnostics, and predictive maintenance
Network Connectivity	WIFI: Difficulties Initiating charging sessions	WIFI: Processing payments issues due to connectivity issues	Hard-wired communications cables: reliable and stable connection
Pricing and Fees	Confusion or lack of transparency regarding pricing policies	Errors in billing statements	Dynamic pricing, billing integration, and mobile app support
Charging Speed and Efficiency	Inconsistent power output	Compatibility issues with certain EV models	High-end Level 3 DCFC Station: 350kW, liquid-cooled cables and dynamic power management

BUSINESS MODEL

POWER EV STATION will be the first stand-a-lone covered EV Station with multiple DCFC chargers. POWER EV will adopt the gas station model layout. We will lease out a portion of the build to Small Business Owners for a convenience store with restrooms to enhance our Customer's experience. We will have knowledgeable technicians onsite. We will put our stations in high EV traffic markets. We will look to gain space in the rest stop corridors of highways throughout United States. We want our customer to receive expected experience at each of our stations.

PRODUCT

Use any of the three options to acquire **DCFC Chargers**:

Partner

Lease

Buy out right

LAND

We will use either of these options to acquire locations to build the station:

Purchase

Lease

REVENUE

Utilize various pricing models

Leaaing out space to businesses for **convience stores with restrooms**.

POWER EV Station utilizes the gas station model to build our covered electric vehicles Stations with multiple DCFC chargers with onsite attendants and convenience stores.

Funding Request

We are seeking a **$2,000,000 seed investment** to launch the first POWER EV Station—our innovative, gas-station-style charging hub. This initial capital will be used to **acquire prime real estate, purchase cutting-edge DC fast-charging equipment**, and build a scalable prototype for future expansion.

This investment will help bring our vision to life: **a national network of fast, safe, and familiar EV charging stations that redefine the refueling experience.**

Recapture Your Time

THE TEAM

- **Suzette De Cruize,** COO & Founder of Power EV Station

I am in the process of building a Team of Experts that want to be a part of this exciting opportunity as we build for the future in this dynamic electric vehicle market.

Chief Financial Officer (CFO)

Chief Technology Officer (CTO)

Chief Marketing Officer (CMO)

Operations Manager

Hardware/ Software Engineers