Charging reliability is one of the most highly cited barriers to electric vehicle (EV) ownership. Even current EV drivers struggle to find public charging options, causing them “range anxiety.”

The EV market is projected to grow exponentially over the next decade due to a combination of technological advancement and public policy. This raises an important question:

How will EV owners find reliable and convenient charging to power their vehicles?

Most current EV drivers answer this question by installing a charging station in their own home. But this is not an option for many residents, including the growing number of renters and frequent movers.

EVs have zero tail pipe emissions, which benefit human and environmental health in your local community.

EVs emit less greenhouse gas emissions per mile driven than gasoline vehicles. Therefore, by driving an EV, you can help mitigate harmful emissions from the transportation sector that contribute to global climate change. The extent of emissions reductions achieved will depend on the source of electricity used to power your EV.

EVs have zero tail pipe emissions, which benefit human and environmental health in your local community.

**EVs and the Environment**

*life cycle vehicle emissions comparison*

- **Coal**
- **Average Grid**
- **Natural Gas**
- **Renewables**

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<thead>
<tr>
<th></th>
<th>Gasoline Vehicle</th>
<th>Battery Electric Vehicle</th>
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<tbody>
<tr>
<td>CO2-eq / mile</td>
<td>500</td>
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**The Solution**

**THE PROBLEM**

**EVMatch**

FIND RESERVE PAY CHARGE

Sign up at [www.evmatch.co](http://www.evmatch.co)

The EVMatch service was an idea generated by four graduate students at the Bren School of Environmental Science & Management (UCSB).

www.evmatch.co
evmatch2016@gmail.com
#getevmatcheded
As an EVMatch Charging Station Host your charging investment is making money for you.

**HOST QUALIFICATIONS**

- You must have an EV charging station at your residence with a designated parking space.
- The charging station (Level 2) or plug (Level 1) is accessible from outside the residence.

As a Host, you will make money helping other EV drivers power their vehicles. EVMatch will provide you an estimated hourly base price for the cost of your electricity through our proprietary algorithm.

Each charging transaction will cover the cost of electricity, plus any access charge set by you as the host, and a small EVMatch service fee.

**WHY EVMATCH?**

Compared to other online charging platforms, EVMatch is the only service that offers the following functionalities EV drivers are looking for:

- **Low Cost:** Particularly when compared to current public charging options
- **Reservable:** This functionality reduces “range anxiety” for Users
- **Secure:** Customers are protected under our robust liability policy
- **Payment Processing:** Thereby eliminating inconvenient or uncertain payment transfers

**CUSTOMER REVIEWS**

"The charging reliability EVMatch provides has taken a lot of stress off of me as an EV driver. I think this is due to both the ease of service, as well as the hospitality of my Host."
- Rick, EVMatch User

"EVMatch made everything so easy. I liked helping another EV owner, and being able to help him drive on sunshine instead of selling my excess solar power back to the utility."
- Michael, EVMatch Host

**HOW IT WORKS**

EVMatch is an online marketplace that connects EV owners in need of reliable charging (“Users”) with nearby owners of residential EV charging infrastructure (“Hosts”) on a reservation basis with mobile payment processing.

**USERS**

EV drivers looking for reliable charging solutions

**HOSTS**

Residential charging station owners sharing access

Any EV driver can use the EVMatch service to find, reserve, and pay for charging.