

Leading The Way

Swift Charge



CCLP has provided opportunities for startups like us to better understand the key sustainability issues that large organizations are looking to address in their procurement policies.

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Founder & CEO



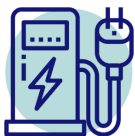
Background

Swift Charge is a venture-backed start-up based out of Edmonton. They were founded by industry experts with extensive background in Electric Vehicle (EV) charging technology, utilities, and business development. Using both level 2 and fast chargers, Swift Charge aims to build a unique and widespread EV charging network in North America.

Swift Charge joined the CCLP as a start-up, both to ensure that sustainability was embedded in their corporate structure from the beginning, and to better understand the sustainability initiatives and requirements of potential client organizations.

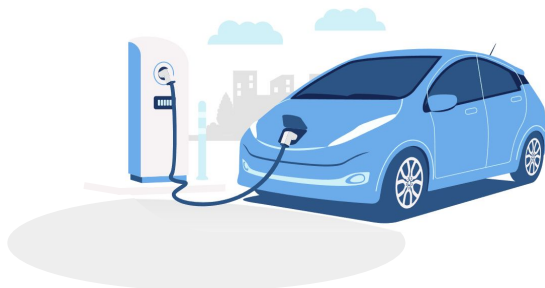
 **Corporate Climate Leader since 2022**

CLIMATE ACTION HIGHLIGHTS



Electric Vehicle Innovation

In addition to the current offering of level 2 EV chargers for campuses and hotels, Swift Charge is also developing a first-of-its-kind fast charger that can be installed at any location without infrastructure upgrades.





Electric Vehicle Charging Stations

Swift Charge



Swift Charge's New EV Charger Installations

With the increasing adoption of electric vehicles, many properties are looking to deploy EV chargers to meet the demand. While EVs can charge slowly using a normal flow of electricity over a long time, to charge an EV quickly requires a proportionally greater flow of electricity. This increased flow of electricity requires more robust infrastructure, meaning EV chargers can require expensive upgrades to local electrical systems.

The key innovation in Swift Charge technology is a charger that can be programmed in real-time to adapt to local power loads, adjusting its power draw to take advantage of non-peak times - reducing costs and impacts on the local power grid. Swift Charge is also developing integrated capacitors for their charging stations, which will make the charger even more flexible in terms of its power draw, but still able to provide a fast, even charge to the end user.

The solution helped the University of Alberta deploy 20 level 2 EV chargers already and will allow the University to add 100 more in the future without infrastructure upgrades.

PROJECT OUTCOMES

Swift Charge has deployed 24 EV chargers so far across Edmonton. 20 chargers are installed at two car parks of the University of Alberta. By avoiding infrastructure upgrades, the potential cost saving can be over \$1 million for the University of Alberta. Two chargers are installed at Fairmont Hotel Macdonald and two more at a Holiday Inn hotel in west Edmonton. The 24 chargers have the potential to eliminate over 50 thousand litres of gas annually and 115 tonnes CO2 per year.



\$1,000,000

Infrastructure Upgrade Costs Avoided



115 Tonnes

Potential GHGs Reduced Annually



50,000 litres

Potential Gasoline Saved Annually

PROJECT BENEFITS



**Reduced Costs in Fuel,
Maintenance, and Labour**



**Climate Positive
Value Alignment**