



FINAL REPORT

CONTRACT NO# ML18074

INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS PROJECT

CITY OF BUENA PARK

NOVEMBER 2019

“Prepared for the Mobile Source Air Pollution Review Committee (MSRC) under the AB 2766 Discretionary Fund Work Program.”

ACKNOWLEDGEMENTS

- Voltaic, Inc.
- Chargepoint, Inc.
- City of Buena Park Public Works Department
- City of Buena Park City Manager's Department
- Mobile Source Air Pollution Reduction Committee

This report was submitted in fulfillment of Contract 125 and Installation of Electric Vehicle Charging Station by Voltaic, Inc under the (partial) sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of July 31, 2019.

DISCLAIMER

The statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or the South Coast Air Quality Management District (South Coast AQMD). The mention of commercial products, their sources or their uses in connection with material reported herein is not to be construed as either an actual or implied endorsement of such products.

DISCUSSION

On September 1, 2017, the Mobile Source Air Pollution Reduction Review Committee (MSRC) offered a one-time Local Government Partnership Program (LGPP) to encourage transition to cleaner vehicles and mobility strategies. Eligible projects included Electric Vehicle Charging Infrastructure (EVSE) Installation. Under this program, MSRC contributed up to 75% of the publicly accessible EVSE cost.

The locations for these charging stations were selected based on criteria such as electrical service accessibility, available load capacity, ADA requirements, and public visibility. Two different types of charging stations are installed: Level 2 and DC Fast Charge. Level 2 chargers are all-purpose charging stations that provide up to 25 miles of range per hour (RPH). These chargers attract customers and employees that intend to spend a few hours at one location. DC Fast Chargers provide charge rates at up to 200 RPH, which appeal to customers who will be onsite for less than an hour.

- Buena Park Community Center: One Level 2 and one DC Fast Charge station
- Ehlers Event Center: Two Level 2 and one DC Fast Charge station

ChargePoint, Inc. and Voltaic were awarded a National Joint Powers Alliance (NJPA) cooperative purchasing contract to sell and install ChargePoint-branded Electric Vehicle Charging (EVC) stations. Similar installations have occurred in cities and counties across the country. All NJPA cooperative agreements are competitively bid on a nationwide basis and therefore are able to provide cities with competitive pricing. For this reason, competitive bidding was dispensed pursuant to Section 3.28.080.E of the Buena Park Municipal Code and the Buena Park City Council awarded a construction contract to Voltaic, Inc. on November 13, 2018. This was in the best interest of the City because utilizing a NJPA cooperative purchasing contract provided the City with a better price.

ChargePoint provided the charging station equipment and is responsible for the post-construction billing and management services. ChargePoint's partner Voltaic completed the actual construction work. ChargePoint also provides the hardware and cloud-based data services to allow a customer to insert a payment card and access the ChargePoint payment system. After the charge is complete and payment is processed, ChargePoint deducts their fee and on a monthly basis returns the net revenues to the City.

The City completed the project on July 31, 2019.

PHOTOGRAPHS



COMMUNITY CENTER EV CHARGERS INSTALLED TOTAL 2



SENIOR CENTER EV CHARGERS INSTALLED TOTAL 3

MEDIA OUTREACH



City of Buena Park - City Hall



June 24 · 🌐

We now have EV charging stations! ⚡

Located directly in front of our Community Center, you can charge your electric vehicle for \$0.25 per kWh for your first 3 hours & \$1.00 every hour after at one of the 3 reserved parking spots. 🚗



1,428

People Reached

115

Engagements

Boost Post

👍❤️😮 37

2 Shares



City of Buena Park @BuenaParkCA · Jun 24

We now have EV charging stations! ⚡

Located directly in front of our Community Center, you can charge your electric vehicle for \$0.25 per kWh for your first 3 hours & \$1.00 every hour after at one of the 3 reserved parking spots. 🚗



↻ 2

❤ 10



cityofbuenapark
Buena Park Community Center



cityofbuenapark We now have EV charging stations! ⚡
Located directly in front of our Community Center, you can charge your electric vehicle for \$0.25 per kWh for your first 3 hours & \$1.00 every hour after at one of the 3 reserved parking spots. 🚗

19w



Liked by gswift2hear and 62 others

JUNE 24

Add a comment...

Post



City of Buena Park - City Hall



July 31 · 🌐

Newly installed EV chargers at Ehlers Event Center are now live and ready to use! ⚡

There are three ChargePoint stations, including one Fast charger. You can charge your electric vehicle for \$0.25 per kWh for your first 3 hours & \$1.00 every hour after at one of the 3 reserved parking spots. 🚗



1,597
People Reached

131
Engagements

[Boost Post](#)

51

4 Comments 3 Shares

Two new electric vehicle (EV) charging stations installed.

Community

New Electric Vehicle Charging Stations

The City of Buena Park continues to go green with the recent installation of two electric vehicle (EV) charging stations at the following locations:

- Buena Park Community Center located at 6688 Beach Blvd.
- Ehlers Event Center located at 8150 Knott Ave.

Both EV charging locations feature Level 2 and DC fast chargers. The stations are located in the front parking lot of each building and are available for use by the general public 24 hours a day, seven days a week. The charging fee is \$.25 per kWh and an additional \$1 per hour after three hours.

The new charging stations were funded with grants from the Clean Transportation Funding Program, the Mobile Source Air Pollution Reduction Review Committee, and the Southern California Incentive Project (SCIP) through the California Electric Vehicle Infrastructure Project (CALeVIP).

Need a Compressed Natural Gas (CNG) charging station? Park Waste and Recycling located at 6762 Stanton Ave., Buena Park, has a CNG charging station available in front of the building's truck terminal. It is available for public use 24/7.



Below are the links to video coverage by BPTV regarding the charging stations installed at the two locations in Buena Park:

<http://www.youtube.com/watch?v=paD96xF0fj4&t=8m24s>– start at 8:24

<http://www.youtube.com/watch?v=ciiBUFYamDI&t=1m46s>– start at 1:46